

Nuclear Management Company, LLC
Prairie Island Nuclear Generating Plant
1717 Wakonade Dr. East • Welch MN 55089

May 29, 2001

10 CFR 50.55a

U S Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555

#### PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Docket Nos. 50-282 License Nos. DPR-42 50-306 DPR-60

Unit 1 Inservice Inspection Summary Report, Interval 3, Period 3
Refueling Outage Dates 1-19-2001 to 2-25-2001
Cvcle 20 / 05-26-99 to 02-25-2001

During the 2001 Prairie Island Unit 1 refueling outage, an inservice inspection (ISI) examination for the second period of the third interval was conducted. Attached for your information are four copies of the ISI examination Summary Report for this period.

The report identifies components examined, the examination methods used, the examination number, and summarizes the results. All anomalies were either corrected or an engineering evaluation was performed to accept "as is" conditions. A description of the corrective work and the corresponding work request numbers are provided in the ASME Section XI Repair/Replacement portion of the report.

This Summary Report is being submitted in accordance with the Prairie Island ASME Code Section XI Inservice Inspection Program and is intended to satisfy the inspection reporting requirements contained in IWA-6220 of the ASME Boiler and Pressure Vessel Code.

In this letter we have made no new Nuclear Regulatory Commission commitments.

A047

USNRC May 29, 2001 Page 2

Please contact Jack Leveille (651-388-1121, Ext. 4142) if you have any questions related to this letter.

Joel P. Sorensen Site Vice President

Prairie Island Nuclear Generating Plant

c: Regional Administrator - Region III, NRC (2 copies of attachment)
Senior Resident Inspector, NRC
NRR Project Manager, NRC
J E Silberg (w/o attachment)
Chief Boiler Inspector, State of MN
P Fisher, Hartford Insurance

Attachment: Unit 1 ISI Summary Report, dated May 24, 2001

### NORTHERN STATES POWER COMPANY 414 NICOLLET MALL MINNEAPOLIS, MINNESOTA 55401

# NORTHERN STATES POWER COMPANY PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 1 1717 WAKONADE DRIVE E WELCH, MINNESOTA 55089

INSERVICE INSPECTION SUMMARY REPORT
INTERVAL 3, PERIOD 3
REFUELING OUTAGE DATES 1-19-2001 TO 02-25-2001
CYCLE 20 / 05-26-99 TO 02-25-2001

**COMMERCIAL SERVICE DATE DECEMBER 16, 1973** 

| Prepared By: Daniel S. White S |
|--|
| Reviewed By: Yaw Subject Section XI Program Coordinator, Prairie Island Unit 1 Paul Blaylock   |
| Reviewed By:  ISI Repair/Replacement Coordinator, Prairie Island Unit 1 Russel Willston  Approved By:  Superintendent of Program Engineering/Engineering Ted Amundson  |
| Report Date: 19/14/24, 2001  |

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### NORTHERN STATES POWER INSERVICE INSPECTION

### SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

#### I. Summary

Page 1 of 2

#### 1.0 INTRODUCTION

The Prairie Island Nuclear Generating Plant Unit 1 refueling outage began January 19, 2001 and ended February 25,2001.

This summary report will convey the components examined, the examination methods used, the examination number and summarizes the examination results performed during the 3rd period of the 3rd interval, (Cycle 20) see appendix A, B and C and D. The 3rd interval, 12-17-1993 to 12-16-2003 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), ABB and Zetec Inc. Framatone Technologies was contracted to perform independent evaluation of eddy current steam generator data. 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 examinations indicate that the integrity of the plant systems have been maintained.

During the refueling outage100% of all accessible tubes in steam generator 11 and 12 were examined full length as part of the inservice inspection. See appendix D for details.

Hanger and component support examinations listed in appendix A .as IWF or F-A, B, C include the applicable examination requirements of ASME Section XI Subsection IWF.

### **NORTHERN STATES POWER INSERVICE INSPECTION**

### SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

١. 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 examinations. 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 examinations

BL = Baseline examination

GEO = Geometry, evaluation of a indication

HELB = High Energy Line Break

IN = Information Notice

IND = Indication requires further evaluation

NAD = No Apparent Defects

NC = Non Code examinations

NCR = Nonconformance Report

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

SE = Safety Evaluation

TS = Plant Technical Specifications

RHR PUMP 12

SAFETY INJECTION

**PUMP NUMBER 11** 

BYRON JACKSON

**BINGHAM** 

### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provision of the ASME Code Rules

| 1.  | Owner: Northern States Power Company                    |                       |               |                       |             |  |  |  |  |  |
|---|---|-----------------------|---------------|-----------------------|-------------|--|--|--|--|--|
|   | Address: 414 Nicollet Mall, Minneapolis, MN 55401       |                       |               |                       |             |  |  |  |  |  |
| 2.  | Plant: Prairie Island Nuclear Generating Plant          |                       |               |                       |             |  |  |  |  |  |
|   | Address: 1717 Wakonade Drive E, Welch, MN 55089         |                       |               |                       |             |  |  |  |  |  |
| 3.  | Plant Unit: 1 4. Owner certificate of Authorization: NA |                       |               |                       |             |  |  |  |  |  |
| 5.  | Commercial S  | ervice Date: 12-16-   | 73 6          | 6. National Board No. | . <u>NA</u> |  |  |  |  |  |
| 7.  | Components:   | (See appendices for c | omponents ins | pected this outage)   |             |  |  |  |  |  |
| Manufacture Component or Manufacture or Installer State or National Appurtenance or Installer Serial No. Province No. Board No. |   |                       |               |                       |             |  |  |  |  |  |
| REACTO  | OR VESSEL   | CREUOT-LOIRE          | 686           | MINN 200-51           |             |  |  |  |  |  |
| PRESSURIZER   |   | WESTINGHOUSE          | 1111          |                       | 68-20       |  |  |  |  |  |
| STEAM GEN<br>NUMBER 11  |   | WESTINGHOUSE          | 1101          |                       | 68-24       |  |  |  |  |  |
| STEAM<br>NUMBE  |   | WESTINGHOUSE          | 1102          |                       | 68-25       |  |  |  |  |  |
| REACTO<br>PUMP 1  | OR COOLANT<br>1   | WESTINGHOUSE          | W515          |                       |             |  |  |  |  |  |
| REACTO<br>PUMP 1  | OR COOLANT<br>2   | WESTINGHOUSE          | W516          |                       |             |  |  |  |  |  |
| RHR HE<br>EXCHAI  | AT<br>NGER 11   | JOSEPH OATS<br>& SONS | 1817-1A       |                       | 340         |  |  |  |  |  |
| RHR HE<br>EXCHAI  | AT<br>NGER 12   | JOSEPH OATS<br>& SONS | 1817-1B       |                       | 341         |  |  |  |  |  |
| RHR PL  | JMP 11  | BYRON JACKSON         |               |                       |             |  |  |  |  |  |

Page 2 of 3

### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provision of the ASME Code Rules

7. Components: (continued)

| •   | oonent or<br>rtenance    | Manufacture<br>or installer | Manufacture<br>or Installer<br>Serial No. | State or<br>Province No. | National<br>Board No. |  |
|---|--------------------------|-----------------------------|---|--------------------------|-----------------------|--|
|   | Y INJECTION<br>NUMBER 12 | BINGHAM                     |   |                          |                       |  |
| ACCUI<br>TANK   | MULATOR<br>11            | DELTA SOUTHERN              | 41038-70-1                                |                          | 2554                  |  |
| ACCUI<br>TANK   | MULATOR<br>12            | DELTA SOUTHERN              | 41038-70-2                                |                          | 2555                  |  |
| BORIC<br>TANK   |                          | NAVCO                       |   |                          |                       |  |
| 8. Examination Dates <u>05-26-1999</u> to <u>02-25-2001</u> .                               |                          |                             |   |                          |                       |  |
| 9. Inspection Period Identification: 3  |                          |                             |   |                          |                       |  |
| 10. Inspection Interval identification: 3 <sup>rd</sup> Interval (12-17-1993 to 12-16-2003) |                          |                             |   |                          |                       |  |
| 11.   | Applicable Ed            | dition of Section XI1       | 989 Addenda                               | a <u>none</u> .          |                       |  |
| 12.   | Date/Revisio             | n of Inspection Plan: _     | 10/5/2000 / R                             | evision 3 .              |                       |  |
| 13.   | Abstract of E            | xaminations and Tests       | S.  |                          |                       |  |
|   | See appendi              | ces A through D (attac      | ched)                                     |                          |                       |  |
| 14.   | Abstract of R            | esults of Examinations      | s and Tests.                              |                          |                       |  |
|   | See appendi              | ces A through D (attac      | ched)                                     |                          |                       |  |

15. Abstract of Corrective Measures.

All unacceptable indications detected have been documented on the plant nonconformance reports and have been dispositioned to assure continued plant operation integrity. See Condition Reports CR 20010828, CR 20011369 and CR 20011561.

### SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

Page 3 of 3

### FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provision of the ASME Code Rules

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.

| Се | rtificate of Authorization No. (if applicable)  |
|----|---|
| Da | te 5/22 2001 Signed NUCLEAR MANAGEMENT 6. By MIRLEDON (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 Inspection and Insurance Co.  |
|    | of Hart Lurd, CT, have inspected  |
|    | the component's described in this Owner's Report during the period of 5/26/99   |
|    | to <u>S/au/o/</u> 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. |
|    | Commissions NB 11872 ABNI, MN039600-Co Inspector's Signature  National Board, State, Province and   |
|    | Date: 5/24/0, 19  |

### SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

### III. FORM NIS-2 OWNERS REPORT FOR REPAIRS AND REPLACEMENTS

90 Form NIS-2s are attached which identify plant system repairs or replacements that have been completed at Prairie Island Unit 1 between the dates of 05-26-99 to 02-25-2001.

### NIS-2 Index

| Component Cooling        | 1-CCH-354          | Page 1  |
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| Component Cooling        | 1-CCH-320          | Page 5  |
| Component Cooling        | 1-CCH-319          | Page 7  |
| Safety Injection         | 1-SIRH-26          | Page 9  |
| Safety Injection         | 1-SIRH-22          | Page 11 |
| Reactor Coolant          | 1-RCRH-12A         | Page 13 |
| Cooling Water            | 1-CWRH-82          | Page 15 |
| Volume Control           | 1-RCVCH-1284       | Page 17 |
| Volume Control           | 1-RCVCH-1285       | Page 19 |
| Safety Injection         | 1-SIRH-17          | Page 21 |
| Main Steam               | 1-MSH-107B         | Page 23 |
| Volume Control           | 1-RCVCH-1283       | Page 25 |
| Main Steam               | 1-MSH-107A         | Page 27 |
| Containment Spray        | 1-RCSH-81          | page 29 |
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| Component Cooling        | 1-CCH-318          | Page 33 |
| Component Cooling        | 1-CCH-378          | Page 35 |
| Component Cooling        | 1-CCH-377          | Page 37 |
| Steam Generator Blowdown | 1-RBDH-601         | page 39 |
| Main Steam               | 1-MSDH-26B         | Page 41 |
| Auxiliary Feedwater      | 1-AFWH-84          | page 43 |
| Component Cooling        | 1-CCH-349          | Page 45 |
| Component Cooling        | 1-CCH-350          | Page 47 |
| Main Steam               | 1- <b>M</b> SH-69A | page 49 |
| Safety Injection         | 1-SIRH-11          | Page 51 |
| Safety Injection         | 1-SIRH-9           | Page 53 |
| Reactor Coolant          | 1-RCRH-48B         | Page 55 |
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| Reactor Coolant          | 1-RCRH-16A         | Page 59 |
| Main Steam               | 1-MSH-67A          | Page 61 |
| Main Steam               | 1-MSDH-26A         | Page 63 |
| Safety Injection         | 1-SIRH-18          | Page 65 |
| Reactor Coolant          | 1-RCRH-19          | Page 67 |
| Snubbers and Supports    | PI-270             | Page 69 |
| Snubbers and Supports    | PI-266             | Page 71 |
| Snubbers and Supports    | PI-462             | Page 73 |
| Snubbers and Supports    | PI-212             | Page 75 |
| Snubbers and Supports    | PI-524             | Page 77 |
|                          |                    |         |

# NORTHERN STATES POWER INSERVICE INSPECTION

# SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

| Snubbers and Supports                              | PI-80                      | Page 79  |
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| Snubbers and Supports                              | PI-132                     | Page 81  |
| Snubbers and Supports                              | PI-355                     | Page 83  |
| Snubbers and Supports                              | PI-433                     | Page 85  |
| Snubbers and Supports                              | PI-90                      | Page 87  |
| Snubbers and Supports                              | PI-2                       | page 89  |
| Snubbers and Supports                              | PI-104                     | Page 91  |
| Snubbers and Supports                              | PI-316                     | Page 93  |
| Snubbers and Supports                              | PI-506                     | Page 95  |
| Snubbers and Supports                              | PI-546                     | Page 97  |
| Snubbers and Supports                              | PI-540                     | Page 99  |
| Snubbers and Supports                              | PI-100                     | Page 101 |
| Snubbers and Supports                              | PI-507                     | Page 103 |
| Reactor Coolant                                    | SV-37035,6,7,8,9,40        | Page 105 |
| Volume Control                                     | 145-043                    | page 107 |
| Volume Control                                     | 145-042                    | Page 109 |
| Volume Control                                     | 145-043                    | Page 111 |
| Volume Control                                     | 145-043                    | Page 113 |
| Volume Control                                     | CV-31325,6,7               | Page 115 |
| Volume Control                                     | CV-31329                   | Page 117 |
| Volume Control                                     | 145-043                    | Page 119 |
| Feedwater  | F-8-2                      | Page 121 |
| Volume Control                                     | 1 0 2                      | Page 123 |
| Volume Control                                     |                            | Page 125 |
| Reactor Coolant System                             | 134-011,012                | Page 127 |
| Reactor Coolant Oystem  Reactor Coolant/Main Steam | 134-011,012                | Page 129 |
| Component Cooling                                  | CC-60-1                    | Page 131 |
| Safety Injection                                   | SI-9-2, PM7050SQ, D48295MQ | Page 133 |
| • •  | SI-9-2                     | Page 135 |
| Safety Injection Main Steam                        | RS-21-6,9,10               | Page 137 |
| Volume Control                                     | 1-VC-42A                   | Page 139 |
| Volume Control                                     | VC-28-3                    | Page 141 |
| Volume Control                                     | VC-28-1                    | Page 143 |
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| Steam Generator                                    | 134-012                    | Page 147 |
| Steam Generator                                    | RC-10-1,2                  | Page 149 |
| Reactor Cooling System                             | 157-051                    | Page 151 |
| Reactor Vessel                                     | 157-051                    | Page 153 |
| Reactor Vessel                                     | CV-31098                   | Page 155 |
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| Containment Spary                                  | CS-16                      | Page 159 |
| Component Cooling                                  | CC-69-1                    | Page 161 |
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| Reactor Coolant                                    | 3-RC-5                     | Page 167 |
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| Reactor Vessel                                     | 157-051                    | Page 171 |
| Reactor Coolant                                    | CV-31224, 5                | Page 173 |

# NORTHERN STATES POWER INSERVICE INSPECTION

# SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

Reactor Coolant Containment Containment

3-RC-5 1PENC-PAL 1PENC-MAL Page 175 Page 177 Page 179

Total Pages: 181

| 1717 Vakons             | rn States I<br>Name     | Welch. MN                                       | 55089                    | Sheetof  |                                       |  |   |
|-------------------------|-------------------------|---|--------------------------|--|---------------------------------------|--|---|
|                         | _                       | W C 2 C 12 C                                    | <del></del>              | Unit /   |                                       |  |   |
| . Plant <u>Prairi</u>   | Name                    |   | <del></del>              |  |                                       |  |   |
| Same                    | Address                 |   |                          | WO. 0007072<br>Repair Organia                              | ation P.                              | O. No., Job No., et                      | ic.                                       |
| 3. Work Performed by    |                         | Name  | <u> </u>                 | Type Code Symbol St<br>Authorization No<br>Expiration Date | a                                     | 1/0                                      |   |
|                         | Address                 |   |                          | Expiration Date  |                                       |  |   |
| 4. Identification of Sy | /stem_CC                |   |                          |  | · · · · · · · · · · · · · · · · · · · |  |   |
| (b) Applicable Edi      | tion of Section XI Ut   | ilized for Repairs o                            | or Replacement           |  |                                       | 1  |   |
| Name of<br>Component    | Name of<br>Manufacturer | Manufacturer<br><del>Soria</del> l No.<br>パソラに、 | National<br>Board<br>No. | Other Identification                                       | Year<br>Built                         | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| BNUBBER<br>PI-CL        | BASK<br>ENGINEER        | 1.5×5   |                          | 1-ccH-354  |                                       | REPLACED                                 | No  |
|                         | BASIC<br>ENGINEER       | 1.5×5   |                          | 1-ccH-354  |                                       | REPLACEMENT                              | No  |
| SNUBBER<br>PI-466 446   |                         |   |                          |  |                                       |  |   |
| SNUBBER<br>PI-46 446    |                         |   | <u> </u>                 |  |                                       |  | <del> </del>                              |
|                         |                         |   |                          |  |                                       |  |   |
|                         |                         |   |                          |  |                                       |  |   |
|                         |                         |   |                          |  |                                       |  |   |
| 71-46 446<br>718        | ork_REPLACED            | snubber w                                       | TH REFUR                 | BISHED SNUBBE  | ER.                                   |  |   |

| 9. Remarks FUNCTIONALLY TESTED FER ASME OM-4 IN ACCORDANCE WITH PLANT   |
|---|
| Applicable Manufacturer's Data Reports to be attached   |
| PROCEDURE 1145.2  |
|   |
|   |
|   |
|   |
|   |
|   |
| CEPTIEICATE OF COMPLIANOE   |
| CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and thisconforms to the rules of the   |
| ASME Code, Section XI.  |
|   |
|   |
| Type Code Symbol StampN /A  |
|   |
| Certificate of Authorization No. WA Expiration Date NA  |
|   |
| Signed R.B. Willia, ASME PROGRAM ENGR. Date 2-14-01 ,19   |
| o ovince a designee, True   |
|   |
| 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 HSB T4T La  |
| Mac Lind C7   |
| in this Owner's Report during the period 2/20/01 to 2/20/01, and state that   |
| to the best of my knowledge and belief, the Owner has performed experienced.  |
| 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.   |
|   |
| Commissions NB 1/872 ANT MAY 395  |
| Inspector's Signature Commissions NB 11872 ANT, MN 395  National Board, State, Province, and Endorsements   |
| 2/2/  |
| Date_ \( \sqrt{20/01} \)  |
|   |

31.7

| . Owner IVOI CITE      | ern States<br>Name      | Power/Xce                  | <u>l Ene</u> rgy         | Date 2/14/01  |                 | •  |                           |
|------------------------|-------------------------|----------------------------|--------------------------|---|-----------------|--|---------------------------|
| 1 <u>717 Wakon</u>     | ade Dr. E.              | Welch, MN                  | <u>550</u> 89            | Sheetof.  |                 |  |                           |
| . Plant <u>Prairi</u>  |                         |                            | <del></del>              | Unit  |                 |  |                           |
| Same                   | Address                 |                            |                          | WO. 0100633   | S<br>ization P. | O. No., Job No., e                       | ntc.                      |
| 3. Work Performed by   | y Owner                 | Name                       | <u></u>                  | Type Code Symbol S Authorization No Expiration Date | 1               | IIA                                      |                           |
| <del> </del>           | Address                 |                            | <del> </del>             | Expiration Date                                     | <u></u> _       |  |                           |
| 4. Identification of S | ystem_VC                |                            |                          |   |                 |  |                           |
| (b) Applicable Ed      | omponents Repaired      | ilized for Repairs         | or Replacement           |   |                 | T  |                           |
| <del></del> -          | ,                       |                            |                          |   |                 |  | ASME<br>Code              |
| Name of<br>Component   | Name of<br>Manufacturer | Manufacturer<br>Seriel No. | National<br>Board<br>No. | Other Identification                                | Year<br>Built   | Repaired,<br>Replaced,<br>or Replacement | Stamped<br>(Yes<br>or No) |
| SNURBER<br>PI-180      | BATIC                   | .75×5                      |                          | 1-RCVCH-977   | _               | REPLACED                                 | No                        |
| SNUBBER<br>PI-453      | BAFIC<br>ENGINEER       | .75×5                      |                          | 1-12cvcH-917  |                 | REPLACEMENT                              | No                        |
|                        |                         |                            |                          |   |                 |  |                           |
|                        |                         |                            |                          |   |                 |  |                           |
| 7. Description of We   | ork REPLACED SI         | SUBBEL WITH                | H REFURBIS               | HED SNUBBER   | <u> </u>        |  |                           |
|                        | Hydrostatic             | Pneumatic N                | ominal Operati           |   |                 |  |                           |

| 9. Remai    | rks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT  |
|-------------|---|
|             | Applicable Manufacturer's Data Reports to be attached   |
| PRO         | OCEDURE D45.2   |
|             |   |
| <del></del> |   |
|             |   |
|             |   |
|             |   |
|             |   |
|             |   |
|             | CERTIFICATE OF COMPLIANCE   |
| ACME        | We certify that the statements made in the report are correct and this  |
| ASME        | Code, Section XI.   |
| İ           |   |
| T           | 0-4-01-10   |
| Type        | Code Symbol Stamp   |
| 0           | 14/4  |
| Certifi     | icate of Authorization No. N/A Expiration Date N/A  |
| 6           | R.B.Willia ASME PROGRAM ENGR. Date 2-14-01  |
| Signed      | Owner's Designee, Title   |
|             |   |
|             | CERTIFICATE OF MOTERAL AND  |
| l +bo       | CERTIFICATE OF INSERVICE INSPECTION   |
| or Pro      | undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State vince of Minnesots and employed by HSB I &I Cu. |
| 01110       | 1/2 . 1 1 1 1 1 1   |
| in this     | have inspected the components described to 2/1/01 to 2/16/01, and state that  |
| to the      | best of my lynguisday. All life is a state that   |
| Owner       | best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this   |
|             | '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  |
| examir      | nations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer   |
| srian b     | re flable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this  |
| inspect     | tion.   |
|             | 10 1100   |
|             | Inspector's Signature Commissions NB 11872 ANT 1422 TA MN 395  National Board, State, Province, and Endorsements  |
|             | National Board, State, Province, and Endorsements   |
| _           | 2/1/4   |
| Date        | Q116101 18  |
|             |   |

| 1. Owner <u>Northe</u>   | rn States F                                   | ower/Xce                                  | <u>l Ene</u> rgy                     | Date 2/13/01   |                         |  |   |
|--|---|---|--------------------------------------|--|-------------------------|--|---|
| 1717 Wakona  | Name ade Dr. E. Address                       | Welch, MN                                 | <u>550</u> 89                        | Sheetof_   |                         |  | <del></del>                               |
| 2. Plant Prairie   |   |   |                                      | Unit   |                         |  |   |
| Same   | Address                                       |   |                                      | (20. 00070)<br>Repair Organi                               | ر م<br>zation P.        | O. No., Job No., e                       | tc.                                       |
| 3. Work Performed by   | , Owner                                       | Name                                      |                                      | Type Code Symbol St<br>Authorization No<br>Expiration Date | 4                       | 14                                       |   |
| SAME  4. Identification of St                                      | Address<br>ystem <u>CC</u>                    |   |                                      | Expiration Date  |                         |  |   |
| <ol> <li>(a) Applicable Cor</li> <li>(b) Applicable Edi</li> </ol> | nstruction Code ANS<br>tion of Section XI Uti | I V31.1 19<br>lized for Repairs           | <u>67</u> Edition,<br>or Replacement | Ad   | denda,                  |  | Code Case                                 |
| 6. Identification of C   | omponents Repaired o                          | or Replaced and R                         | eplacement Co                        | mponents   |                         |  |   |
| Name of<br>Component   | Name of<br>Manufacturer                       | Manufacturer<br>Geriel No.<br>MODEL       | National<br>Board<br>No.             | Other Identification                                       | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER<br>PI-385  | BASIC<br>ENGINEER                             | 1.5×5                                     |                                      | 1-CCH-320  | _                       | REPLACED                                 | 100                                       |
| SNUBBER<br>PI-240  | RASIC<br>ENGINEER                             | 1.5×5                                     |                                      | 1-CCH-320  |                         | reflacemen                               | No  |
|  |   |   |                                      |  |                         |  |   |
|  |   |   |                                      |  |                         |  |   |
| 7. Description of Wo   | ork REPLACED S                                | NUBBER WIT                                | H REFURBIS                           | HED SNUBBER  |                         |  |   |
| 8. Tests Conducted:  | Hydrostatic                                   | Pneumatic N                               | lominal Operati<br>i Test Temp.      | ng Pressure 🔲  |                         |  |   |
| NOTE: Supplention in items 1 trecorded at the t                    | hrough 6 on this repo                         | of lists, sketches,<br>ort is included on | or drawings ma<br>each sheet, an     | y be used, provided (1<br>d (3) each sheet is nu           | ) size is 8<br>mbered a | 3½ in. x 11 in., (2) and the number of   | informa-<br>sheets is                     |
| (12/82)  | <br>This Form (E00                            | 030) may be obta                          | ined from the C                      | Order Dept., ASME, 34                                      | 5 E. 47th               | ı St., New York, N                       | Y. 10017                                  |

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| . Remarks <u>F</u> | UNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT  |
|--------------------|--|
| 02000              | Applicable Manufacturer's Data Reports to be attached  |
| PROCEL             | WRE DYS. 2   |
|                    |  |
|                    |  |
|                    |  |
|                    |  |
|                    |  |
|                    |  |
| <del></del>        |  |
|                    | CERTIFICATE OF COMPLIANCE  |
| ٧                  | Ve certify that the statements made in the report are correct and thisconforms to the rules of the   |
|                    | e, Section XI.   |
|                    |  |
|                    |  |
| Type Code          | Symbol StampN/A  |
|                    |  |
| Certificate of     | of Authorization No. NA Expiration Date NA   |
|                    |  |
| Signed A.          | BUILL ASME PROGRAM ENGR. Date 2-14-01  |
|                    | wner or Owner's Designee, Title Date 1974-01   |
|                    |  |
|                    | CERTIFICATE OF INSERVICE INSPECTION  |
| I, the under       | reigned, holding a valid commission issued by the Nestand Rev. 1 Co. 11  |
| or Province        | of Minnesota and employed by HSB I+I Co or have inspected the components described the state of the second through the state of the second through |
|                    | Martford, CT   |
| in this Owr        | ner's Report during the period 2/16/61 to 2/16/61  |
| to the best        | of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in thi  |
| Owner's Re         | port in accordance with the requirements of the ASME Code, Section XI.   |
|                    |  |
| examination        | ng this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the  |
| shall he lish      | ns and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe  |
| inspection.        | ole in any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi  |
| inspection.        |  |
| ( 6                |  |
|                    | Inspector's Signature Commissions National Poord State Only 1872 ANT MN 395  |
|                    | Inspector's Signature Commissions NB /1872 ANT, MN 395  National Board, State, Province, and Endorsements  |
|                    | 2/4/4  |
| Date               | 7/16/01  |
|                    | ·  |

| 1717 Nokon            | ern States I<br>Name<br>ade Dr. E, | Welch. MN                           | 55089                    | Sheetof                                | 1                 |  | <del></del>                           |
|-----------------------|------------------------------------|-------------------------------------|--------------------------|--|-------------------|--|---------------------------------------|
|                       |                                    | <u> </u>                            |                          | Unit                                   |                   |  |                                       |
| . Plant <u>Prairi</u> | e Island<br>Name                   |                                     | <del></del>              |  |                   |  |                                       |
| Same                  | Address                            |                                     |                          | Repair Organ                           | 168<br>ization P. | O. No., Job <b>No.</b> , e               | tc.                                   |
| . Work Performed t    | Owner                              | Name                                |                          | Type Code Symbol S<br>Authorization No | N                 | A  |                                       |
|                       | Address                            |                                     |                          | Expiration Date                        |                   |  |                                       |
| . Identification of S | System_CC                          |                                     | <del></del>              |  |                   |  |                                       |
|                       | dition of Section XI Ut            |                                     |                          |  |                   | 1  | · · · · · · · · · · · · · · · · · · · |
|                       |                                    |                                     |                          |  |                   |  | ASME<br>Code                          |
| Name of<br>Component  | Name of<br>Manufacturer            | Manufacturer<br>Seriet No.<br>Model | National<br>Board<br>No. | Other<br>Identification<br>LocATION    | Year<br>Built     | Repaired,<br>Replaced,<br>or Replacement | Stamped<br>(Yes                       |
| SNUBBER               | BASIC                              | 1.5×5                               |                          | 1-CCH-319                              | _                 | PEPLACED                                 | No                                    |
| SNUBBER               | BASIC<br>ENGINEER                  | 1,5*5                               |                          | 1-ccH-319                              | _                 | REPLACEMENT                              | 100                                   |
| PI-284                | Liginesis                          |                                     |                          |  |                   |  |                                       |
|                       |                                    |                                     |                          |  |                   |  |                                       |
|                       | Work DEDLACED                      | SNUBBER W                           | ITH REFUR                | BISHED SNUBB                           | PER               |  |                                       |
| 7. Description of V   | TOTA KET CT CO                     |                                     |                          |  |                   |  |                                       |

|   | LY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT   |
|---|--|
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~  | Applicable Manufacturer's Data Reports to be attached  |
| procepure dus.  | 2  |
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|   |  |
|   |  |
|   |  |
|   |  |
| <del></del>   |  |
|   | CERTIFICATE OF COMPLIANCE  |
| We certify that   | the statements made in the report are correct and thisconforms to the rules of the   |
| ASME Code, Section XI.  |  |
|   |  |
|   |  |
| Type Code Symbol Stami  | o <u>N</u> A   |
|   |  |
| Certificate of Authorizati  | on No. N/A Expiration Date N/A   |
| _   |  |
| Signed R.B. Will  | ASME PROGRAM ENGL. Date 2-14-01  |
| Owner or Owner  | er's Designee, Title Date 1-74-07  |
| · · · · · · · · · · · · · · · · · · ·   |  |
|   |  |
|   | CERTIFICATE OF INSERVICE INSPECTION  |
| , the undersigned, holding  | ng a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta  |
| or Province of /////  | and employed by HSB I+I Co.  |
| #1G(1+000   | and employed by 758 L41 Co.  have inspected the components described to 2/16/61 to 2/16/61 and state the   |
| n this Owner's Report o   | during the period  |
|   | adan and halfaf at a Oursea to see f   |
| and best of my known  | added and benef, the Owner has performed examinations and taken corrective measures described in the   |
| and best of my known  | edge and belief, the Owner has performed examinations and taken corrective measures described in the ance with the requirements of the ASME Code, Section XI.  |
| wner's Report in accord   | ance with the requirements of the ASME Code, Section XI.   |
| Owner's Report in accord  By signing this certific  | and belief, the Owner has performed examinations and taken corrective measures described in the ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to  |
| Owner's Report in accord  By signing this certific xaminations and correct  | and belief, the Owner has performed examinations and taken corrective measures described in the ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report, Furthermore, neither the Inspector nor his employer.  |
| Owner's Report in accord  By signing this certific  examinations and correct  hall be liable in any mar                     | and belief, the Owner has performed examinations and taken corrective measures described in the ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to  |
| Owner's Report in accord  By signing this certific examinations and correct that the liable in any mare                     | ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty are the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employement for any personal injury or property damage or a loss of any kind arising from or connected with the content of the con |
| Owner's Report in accord  By signing this certific  examinations and correct  hall be liable in any mar                     | ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty are the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employement for any personal injury or property damage or a loss of any kind arising from or connected with the content of the con |
| Owner's Report in accord By signing this certific examinations and correct half be liable in any marnspection.              | ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty are the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employement for any personal injury or property damage or a loss of any kind arising from or connected with the content of the con |
| Owner's Report in accord  By signing this certific examinations and correct shall be liable in any markinspection.  Inspect | cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the measures described in the street measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employence for any personal injury or property damage or a loss of any kind arising from or connected with the commissions.   |
| Owner's Report in accord By signing this certific examinations and correct shall be liable in any mar inspection.           | ance with the requirements of the ASME Code, Section XI.  Cate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty are the Inspector nor his employer makes any warranty, expressed or implied, concerning the tive measures described in this Owner's Report. Furthermore, neither the Inspector nor his employement for any personal injury or property damage or a loss of any kind arising from or connected with the content of the con |

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

|                             |  | ed by the Flovi                           |                                   |  |                         |  |                           |  |
|-----------------------------|--|---|-----------------------------------|--|-------------------------|--|---------------------------|--|
| 1. Owner Northe             | rn States F<br>Name  | ower/Xce                                  | <u>1 Ene</u> rgy                  | Date <u>2/12/01</u>  |                         |  |                           |  |
| 1 <u>7<b>1</b>7 Wakon</u> a | ade Dr. E. Address   | Welch, MN                                 | <u>550</u> 89                     | Sheetof_   |                         |  |                           |  |
| 2. Plant <u>Prairi</u>      | e Island<br>Name   |   |                                   | Unit/  |                         |  |                           |  |
| Same                        | Address  |   |                                   | (JO, 00070<br>Repair Organi  |                         |  | tc.                       |  |
| 3. Work Performed by        | y_Owner  | Name                                      |                                   | Type Code Symbol Stamp N/A  Authorization No. N/A  Expiration Date N/A |                         |  |                           |  |
|                             | Address  |   |                                   | Expiration Date  |                         |  |                           |  |
|                             |  | lized for Repairs                         | or Replacements                   | 19 <u>87</u>   | ldenda,                 |  | Code Case                 |  |
|                             | ,  |   |                                   |  | ± , *                   |  | ASME<br>Code              |  |
| Name of<br>Component        | Name of<br>Manufacturer  | Manufacturer<br>Serial No.                | National<br>Board<br>No.          | Other<br>Identification<br>LocAT\QN                                    | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | Stamped<br>(Yes<br>or No) |  |
| SNUBBER<br>PI-218           | BASIC  | 1.5×5                                     | ·                                 | 1-SIRH-26  |                         | REPLACED                                 | No                        |  |
| SNUBBER<br>PI-132           | BASIC<br>ENGINEER  | 1.5×5                                     |                                   | 1-SIRH-26  |                         | REPLACEMENT                              | No                        |  |
|                             |  |   |                                   |  |                         |  |                           |  |
|                             |  |   |                                   |  |                         |  |                           |  |
|                             |  |   |                                   |  |                         |  |                           |  |
| 7. Description of We        | ork_REPLACED S   | wubber n                                  | UTH REFU                          | erished snub   | BER                     |  |                           |  |
| 8. Tests Conducted:         | : Hydrostatic  | Pneumatic N                               | Jominal Operatir<br>si Test Temp. | ng Pressure° F   |                         |  |                           |  |
| tion in items 1 t           | nental sheets in form<br>through 6 on this repo<br>top of this form. | of lists, sketches,<br>ort is included or | or drawings ma<br>each sheet, and | y be used, provided (1<br>d (3) each sheet is nu                       | ) size is 8<br>mbered a | ½ in. x 11 in., (2)<br>nd the number of  | informa-<br>i sheets is   |  |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

{12/82}

| 9. Remarks FUNCTIONALLY TESTED PER ASME OMEY IN ACCORDANCE WITH PLANT   |
|---|
| Applicable Manufacturer's Data Reports to be attached  PROCEDURE 1745.3   |
|   |
|   |
|   |
|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and thisconforms to the rules of the ASME Code, Section XI.                         |
|   |
| Type Code Symbol Stamp  |
| Certificate of Authorization No. NA Expiration Date NA  |
|   |
| Signed R. Willia ASME PROGRAM ENGL. Date 2-14-01 ,49  |
|   |
| 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 |
| or Province of Minnesota and employed by MSB LAT Co   |
| in this Owner's Report during the period 2/16/01 have inspected the components described to 2/16/01, 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 per his employer                         |
| shan be hable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this                  |
| inspection.   |
| 13 11872 ANT mil 25   |
| Inspector's Signature Commissions N311872 ANT MN 395  National Board, State, Province, and Endorsements   |
| Date  |
|   |

| e Dr. E. V              | 7-1-L MN  |  |  | 1   |   |   |
|-------------------------|---|--|--|---|---|---|
| Address                 | weich, rin  | <u>550</u> 89  | Sheetof  |   |   |   |
| Island<br>Name          |   | <u> </u>   | Unit   |   |   |   |
|                         |   | ······   | WO. 00070  | 79<br>zation P.   | O. No., Job No., e  | etc.  |
| Owner                   |   | ·  | Type Code Symbol S   | tamp  | NA  |   |
|                         | Name  |  | Authorization No   |   | V/A   |   |
| Address                 |   |  | Expiration Date  |   | 3/7   | <del></del>   |
| m_ST_me                 |   |  |  |   |   |   |
|                         |   |  |  |   | T   |   |
| Name of<br>Manufacturer | Manufacturer<br>Seriel No.<br>moDEL   | National<br>Board<br>No.   | Other<br>Identification<br>LOCATION  | Year<br>Built   | Repaired,<br>Replaced,<br>or Replacement  | ASME<br>Code<br>Stamped<br>(Yes<br>or No)   |
| BASIC                   | 1.5×5   | _  | 1-SIRH-12  |   | REPLACED  | No  |
| BASIC                   | 1.5×5   |  | 1-SIRH22   |   | PEPLACEMENT   | NO  |
|                         |   |  |  |   |   |   |
|                         |   |  |  |   |   |   |
|                         |   |  |  |   |   |   |
| ·                       |   | L  |  | l   |   |   |
| REPLACED                | SNUBBER   | WITH PE  | FURBISHED :  | nubb  | EY2   |   |
|                         |   |  |  |   |   |   |
|                         | Address Owner  Address owner  Address om_ST  Ouction Code ANS on of Section XI Uti oponents Repaired of Manufacturer  BASIC ENGINEER GASIC ENGINEER | Address  Owner  Name  Address  Owner  Name  Address  om_ST  ouction Code ANST 831.1 19  n of Section XI Utilized for Repairs of Repairs of Replaced and Report of Report of Replaced and Replaced and Replaced and Replaced and Report of Repor | Address  Owner  Name  Address  Sm_ST  Fuction Code ANST 831 1 19 67 Edition, on of Section XI Utilized for Repairs or Replacement Components Repaired or Replaced and Replacement Components Repaired No. Manufacturer  Series No. Manufacturer Series No. Manufacturer N | Name  Address  Owner  Name  Address  Owner  Name  Address  Address  Type Code Symbol St. Authorization No. Expiration Date  Address  Own ST.  Ouction Code ANST 831.1 19 67 Edition, Address  On SEction XI Utilized for Repairs or Replacements 19 89  Ponents Repaired or Replaced and Replacement Components  Name of Manufacturer Societ No. No. Identification Location  BASIC ENCHNEER 1.5×5 I-SIRH-22  BASIC ENCHNEER 1.5×5 I-SIRH-22  DEPLACED SNUBBER WITH REFURBISHED SHEED  Preumatic Nominal Operating Pressure | Sand   Sand | Sand   Sand |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

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| 9.       | Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH   |
|----------|--|
|          | Applicable Manufacturer's Data Reports to be attached  |
|          | PLANT PROCEPULE D45,2  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          | CERTIFICATE OF COMPLIANCE  |
| ı        | We certify that the statements made in the report are correct and this   |
| ı        | ASME Code, Section XI.   |
|          |  |
| l        |  |
|          | Type Code Symbol Stamp   |
|          |  |
|          | Certificate of Authorization No. N/A Expiration Date N/A   |
| 1        |  |
| ĺ        | Signed R.B. Will ASME PROGRAM ENGR. Date 2-14-01   |
|          | Owner or Owner's Designee, Title   |
| <u> </u> |  |
|          | CERTIFICATE OF INCERVICE INCREATION  |
| ŀ        | 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 Mianesoto and employed by HSB T+I Co  |
|          | have inspected the components described  |
|          | in this Owner's Report during the period \( \alpha //6/0 \) to \( \alpha //6/a / \) 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.  |
|          |  |
|          | Commissions NB 11872 ANT MN 395  |
|          | Inspector's Signature Commissions N3 11872 ANT MN 395  National Board, State, Province, and Endorsements                           |
|          |  |
|          | Date   |
|          |  |

|   | rn States F<br>Name     |  |                          |  |               |  |  |
|---|-------------------------|--|--------------------------|--|---------------|--|--|
| 1 <u>717 Wakona</u>   | de Dr. E. Address       | Welch, MN                                      | <u>550</u> 89            | Sheetof  |               |  |  |
| Plant Prairie   | Island<br>Name          |  |                          | Unit   | ····          |  |  |
| Same  | Address                 |  | - <del></del>            | NO. 0007075  | zation P.     | O. No., Job No., e                       | tc.                                      |
| , Work Performed by   | Owner                   | Name   | <del></del>              | Type Code Symbol St<br>Authorization No<br>Expiration Date | tamp          | N/A<br>I/A<br>V/A                        |  |
| . Identification of Sy  | Address                 |  |                          |  |               |  |  |
| <ul><li>(a) Applicable Con</li><li>(b) Applicable Edit</li><li>Identification of Co</li></ul> | ion of Section XI Uti   | lized for Repairs o                            | or Replacement           |  | denda,        |  | Code Ca                                  |
| Name of<br>Component  | Name of<br>Manufacturer | Manufacturer<br><del>Sorial</del> No.<br>McDeL | National<br>Board<br>No. | Other<br>Identification<br>Loc.ATION                       | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stampe<br>(Yes<br>or No) |
| SNUB88R<br>PI-141   | BASIC<br>ENTINEER       | 1.5×5  | •                        | 1-RCRH-12A   |               | REPLACED                                 | No                                       |
| SNUBBER<br>PI-32  | BASIC<br>ENGINEER       | 1.5x 5   |                          | 1-RCRH-12A   | _             | REPLACEMENT                              | No                                       |
|   |                         |  |                          |  |               |  |  |
|   |                         |  |                          |  |               |  |  |
| 7. Description of Wo  | k REPLACED S            | WUBBER WIT                                     | TH REFURE                | BISHED SNUBBE  | e             |  |  |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT   |
|---|
| PRICEDURE 1945.2. Applicable Manufacturer's Data Reports to be attached   |
|   |
|   |
|   |
|   |
|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and thisonforms to the rules of the   |
| ASME Code, Section XI.  |
|   |
| Type Code Symbol StampN/A   |
| · //ps diede dyffiliad folding  |
| Certificate of Authorization No. NA Expiration Date NA  |
|   |
| Signed R. B. Willia ASME MOGRAM ENGR. Date 2-14-01 -19-   |
| Time of Officer's Designee, Title   |
| CERTIFICATE OF INCEDIVING WESTERN   |
| 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 $11111112572$ and employed by $HSB I \neq I$ (a.   |
| Hartfird, CT have inspected the components described in this Owner's Report during the period 2/16/01 to 2/16/01, and state that  |
| in this Owner's Report during the period 2/16/01 to 2/16/01 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.   |
| AR 11873 A. 17 100/20-  |
| Inspector's Signature  Commissions NB 11872 ANT MN 395  National Board, State, Province, and Endorsements   |
| - / /   |
| Date  |
|   |

| 1. Owner <u>Northe</u>  | rn States F<br>Name  | ower/Xce                            | <u>l Ene</u> rgy         | Date 2/14/01  |                |  |   |
|---|--|-------------------------------------|--------------------------|---|----------------|--|---|
| 1 <u>717 Wakon</u> a  | ade Dr. E. Address   | Welch, MN                           | <u>550</u> 89            | Sheetof_  |                |  |   |
| 2. Plant <u>Prairi</u>  | e Island   |                                     | <del></del>              | Unit  |                |  |   |
| Same  | Address  |                                     | <del></del>              | 100. 0/0063<br>Repair Organia                                   | O<br>zation P. | O. No., Job No., e                       | tc.                                       |
| 3. Work Performed by  | Owner  | Name                                |                          | Type Code Symbol St<br>Authorization No<br>Expiration Date      | amp            | NA                                       |   |
|   |  |                                     |                          | Expiration Date   | ~              | ·/A                                      |   |
| 4. Identification of S  | Address  |                                     |                          |   |                |  |   |
| <ul><li>5. (a) Applicable Cor</li><li>(b) Applicable Edi</li><li>6. Identification of C</li></ul> | ition of Section XI Uti  | lized for Repairs                   | or Replacement           | s 19 <u>V</u> 1   | denda,         |  | Code Case                                 |
| Name of<br>Component  | Name of<br>Manufacturer  | Manufacturer<br>Soriel No.<br>MoDEL | National<br>Board<br>No. | Other<br>Identification<br>LocATION                             | Year<br>Built  | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER<br>PI-412   | BASIC  | 1×5                                 |                          | 1-CWRH-82   |                | VEPLACED                                 | No  |
| SNUBBER<br>PI-577   | easic<br>Engineer  | 1×5                                 |                          | 1-cwRH-82   |                | REPLACEMENT                              | 70  |
|   |  |                                     |                          |   |                |  |   |
|   |  |                                     |                          |   |                |  |   |
|   |  |                                     |                          |   |                |  |   |
| 8. Tests Conducted:   | Hydrostatic F<br>Other Pressure<br>nental sheets in form other<br>through 6 on this repo | neumatic N                          | Jominal Operation        | ng Pressure° F  y be used, provided (1) d (3) each sheet is nur | ) size is 8    | % in. x 11 in., (2)                      | informa-<br>sheets is                     |

| 9. | Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PROCEDULE DY5.2   |
|    |   |
|    |   |
|    |   |
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|    |   |
|    |   |
|    |   |
|    | CERTIFICATE OF COMPLIANCE   |
|    | AM AT IN A  |
|    | ASME Code, Section XI.  we certify that the statements made in the report are correct and this conforms to the rules of the   |
|    |   |
|    |   |
|    | Type Code Symbol Stamp  |
|    | Type dode dymbol stamp  |
|    | Certificate of Authorization No. N/A Expiration Date N/A  |
|    |   |
|    | Signed R.B. Willie ASME PROGRAM ENGR. Date 1-14-01  |
|    | 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 HSB I+I Co. of have inspected the components described in this Owner's Report during the period 2/1/01 to 2/14/01 , and state that |
|    | have inspected the components described   |
|    | in this Owner's Report during the period 2/1/01 to 2/16/01, 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.   |
|    |   |
|    | Commissions NB 11872 ANT. MN 395  |
|    | Inspector's Signature  Commissions NB 11872 ANT , MN 395  National Board, State, Province, and Endorsements   |
|    |   |
|    | Date 2/16/61  |
|    |   |
| _  |   |

| 1 <u>717 Wakona</u>                       | de Dr. E.               | Welch, MN                                      | <u>550</u> 89                         | Date 2/14/01 Sheet 1 of                             |               |  | <del></del>                               |
|---|-------------------------|--|---------------------------------------|---|---------------|--|---|
| . Plant <u>Prairi</u>                     | Island                  |  |                                       | Unit  |               |  |   |
| Same                                      | Name                    |  |                                       | WO. 01006<br>Repair Organi                          | 31            | O No Joh No o                            | <u> </u>                                  |
|   | Address                 |  |                                       |   |               | 1.10                                     |   |
| . Work Performed by                       | Owner                   | Name   |                                       | Type Code Symbol S Authorization No Expiration Date | tamp          | V/A                                      |   |
|   |                         |  |                                       | Expiration Date                                     |               | CA                                       |   |
| <del></del>                               | Address                 |  | · · · · · · · · · · · · · · · · · · · |   |               |  |   |
| . Identification of Sy                    | stem VC                 |  |                                       |   |               |  |   |
| (b) Applicable Edit  Identification of Co | tion of Section XI Ut   |  |                                       |   |               |  |   |
| Name of<br>Component                      | Name of<br>Manufacturer | Manufacturer<br><del>Serial</del> No.<br>mcDeC | National<br>Board<br>No.              | Other<br>Identification<br>LCCATION                 | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| snubber<br>PI-402                         | BASIC<br>ENGINEER       | .75×5  |                                       | 1-RCVCH-1284  |               | REPLACED                                 | No  |
| SNUBBER<br>PE-139                         | EASIC<br>ENGINEER       | <b>.7</b> 5×5                                  |                                       | 1-RCVCH-1284  |               | REPLACEMENT                              | <i>N</i> 0                                |
|   |                         |  |                                       |   |               |  |   |
|   |                         |  |                                       | DAISHED COMPA                                       | ER-           |  | ļ   |
| 7. Description of Wo                      | rk <u>REPLACED</u>      | SNUBBER N                                      | ITH REFU                              | EDISTILI) SINUED                                    | <u> </u>      |  |   |

| 9. Remarks FUNCTIONALLY TESTED PER ASME aM-4 IN ACCORDANCE WITH PLANT  |      |
|--|------|
| Applicable Manufacturer's Data Reports to be attached  | -    |
| PROCEDURE D45.2  |      |
|  |      |
|  |      |
|  |      |
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|  |      |
| CERTIFICATE OF COMPLIANCE  |      |
| We certify that the statements made in the report are correct and thisconforms to the rules of the   | he   |
| ASME Code, Section XI.  conforms to the rules of t   | .116 |
|  |      |
|  |      |
| Type Code Symbol Stamp   |      |
|  |      |
| Certificate of Authorization No. N/A Expiration Date N/A   |      |
|  |      |
| Signed R.G. Will ASME PROGRAM ENGR. Date 2-14-01   |      |
| Owner or Owner's Designee, Title Date 19   |      |
|  |      |
| CERTIFICATE OF INSERVICE INSPECTION  |      |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S   |      |
| or Province of Mignesota and employed by HSB I & Cu.   | tate |
| Hartford, CT   | of   |
| in this Owner's Report during the period 2/1/61 to 2/16/61, and state  | bed  |
| to the best of my knowledge and belief, the Owner has performed events and state.  | that |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section XI. | this |
|  |      |
| 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 emplo  | oyer |
| 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.  |      |
| 12 112   |      |
| Inspector's Signature Commissions WB 11872 ANT, MN 395  National Board, State, Province, and Endorsements  |      |
| Inspector's Signature National Board, State, Province, and Endorsements  | ;    |
| Date 2/16/01 19  |      |
| Date   |      |
|  |      |

| 1. Owner Northe   | rn States F  | ower/Xce                                  | <u>1 Ene</u> rgy                   | Date <u>2/14/0/</u>                              |                         | <del></del>                            |                                 |
|---|--|---|------------------------------------|--|-------------------------|--|---------------------------------|
| 1 <u>717 Wakon</u> a  | ade Dr. E. Address   | Welch, MN                                 | <u>550</u> 89                      | Sheet of_  |                         |  |                                 |
| 2. Plant Prairie  |  |   |                                    | Unit   |                         |  |                                 |
| Same  | Address  |   |                                    | <u> いの、 のi 006</u><br>Repair Organi              | 32<br>zation P.         | O. No., Job No., e                     | tc.                             |
| 3. Work Performed by  | , Owner  | Name                                      |                                    | Type Code Symbol S<br>Authorization No           | 1                       | I/A                                    |                                 |
|   | Address  |   |                                    | Expiration Date                                  | N                       | <u> </u>                               | <del></del>                     |
| 4. Identification of Sy   | ystem VC   |   |                                    |  |                         | <u> </u>                               |                                 |
| <ul><li>5. (a) Applicable Cor</li><li>(b) Applicable Edi</li><li>6. Identification of C</li></ul> | tion of Section XI Uti   | lized for Repairs                         | or Replacements                    | : 19 <u>84</u>                                   | denda,                  |  | Code Case                       |
|   |  |   | National<br>Board                  | Other  | Year                    | Repaired,<br>Replaced,                 | ASME<br>Code<br>Stamped<br>(Yes |
| Name of<br>Component  | Name of<br>Manufacturer  | Manufacturer Seriel-No. mvDeL             | No.                                | Identification                                   | Built                   | or Replacement                         | or No)                          |
| SNUBBER<br>PI-109   | BASIC<br>ENGINEER  | .75×5                                     | _                                  | 1-RCVCH-1283                                     | _                       | REPLACED                               | No                              |
| SNUBBER<br>PI-266   | BASIC  | .75×5                                     |                                    | 1-RCVCH-1285                                     |                         | replacement                            | N6                              |
|   |  |   |                                    |  |                         |  |                                 |
|   |  |   |                                    |  |                         |  |                                 |
|   |  |   |                                    |  |                         |  |                                 |
|   |  |   |                                    | and the same                                     | a                       |  |                                 |
| 7. Description of Wo  | ork_REPLACED!  | NOBBEL W                                  | VITH REPU                          | COSTHED SNOW                                     | BER                     |  |                                 |
| 8. Tests Conducted:   | Hydrostatic  | Pneumatic N                               | Iominal Operatir<br>si Test Temp   | ng Pressure° F                                   |                         |  |                                 |
| NOTE: Supplem<br>tion in items 1 t<br>recorded at the t   | nental sheets in form<br>hrough 6 on this repo<br>op of this form. | of lists, sketches,<br>ort is included on | or drawings may<br>each sheet, and | y be used, provided (1<br>d (3) each sheet is nu | ) size is 8<br>mbered a | 3½ in. x 11 in., (2) and the number of | informa-<br>f sheets is         |

| 9. Rer | narks FUNCTIONALLY TESTED PER ASME OM-Y IN ACCORDANCE WITH PLANT  |
|--------|---|
|        | Applicable Manufacturer's Data Reports to be attached   |
|        |   |
|        |   |
|        |   |
|        |   |
|        | CERTIFICATE OF COMPLIANCE   |
| ASI    | We certify that the statements made in the report are correct and this conforms to the rules of the ME Code, Section XI.  |
|        |   |
| Тур    | e Code Symbol Stamp   |
| Cert   | tificate of Authorization No. NA Expiration Date NA   |
| Sign   | over or Owner's Designee, Title   |
|        | CERTIFICATE OF INSERVICE INSPECTION   |
| or P   | re undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  |
| in t   | rovince of Minasseta and employed by HSB TATCo. of Hartfurd, CT. have inspected the components described his Owner's Report during the period 2/1/01 to 2/16/01, and state that |
| to t   | he best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this  |
| Owr    | ner'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   |
| ехаг   | minations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer   |
| shali  | be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this  |
| insp   | ection.   |
|        |   |
|        | Inspector's Signature  Commissions NB 11872 ANT MN 395  National Board, State, Province, and Endorsements   |
|        | ivational Board, State, Province, and Endorsements  |
| Date   | 2/16/01   |
|        |   |

| 1 <u>717 Wakon</u>    | ern States I<br>Name<br>ade Dr. E,<br>Address                          | Welch, MN                           | <u>550</u> 89            | Sheet of                            |                   |  |  |
|-----------------------|--|-------------------------------------|--------------------------|-------------------------------------|-------------------|--|--|
| Plant Prairi          |  |                                     | <del> </del>             | Unit                                |                   |  |  |
| Same                  | Address  |                                     |                          | Wo. 000707                          | 77<br>lization P. | O. No., Job No., e                       | tc.                                      |
| . Work Performed b    |  | Name                                |                          | Type Code Symbol S Authorization No |                   | NIA                                      |  |
| SAME                  | Address  |                                     |                          | Expiration Date                     |                   | N/A                                      |  |
| . Identification of S |  |                                     |                          |                                     |                   |  | <del> </del>                             |
| (b) Applicable Ed     | onstruction Code ANS<br>lition of Section XI Ut<br>Components Repaired | ilized for Repairs                  | or Replacement           | s 19 <u>84</u>                      | ·                 | T  |  |
| Name of<br>Component  | Name of<br>Manufacturer  | Manufacturer<br>Seriet No.<br>MgDEL | National<br>Board<br>No. | Other<br>Identification<br>LOCATION | Year<br>Built     | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stampe<br>(Yes<br>or No) |
| SNUBBER<br>PI-97      | BASIC  | 1.5×5                               | _                        | 1-SIRH-17                           | _                 | REPLACED                                 | 200                                      |
| Snubber<br>PI-355     | BASIC<br>ENGINEER  | 1.5×5                               |                          | 1-SIRH17                            | _                 | REPLACEMENT                              | 100                                      |
|                       |  |                                     |                          |                                     |                   |  |  |
|                       |  |                                     |                          |                                     |                   |  |  |
| 7. Description of W   | ork_REPLACED   | SWUBBER WI                          | MH REFUR                 | BISHED SNOUB                        | BER               |  |  |
|                       | Hydrostatic D  |                                     |                          |                                     |                   |  |  |

| 9. Remarks FUNCTIONALLY TESTED PER ASME CIN-4 IN ACCORDANCE WITH PLANT  |
|---|
| Applicable Manufacturer's Data Reports to be attached   |
| PROCEDURE D45.2   |
|   |
|   |
|   |
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|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and this  |
| ASME Code, Section XI.  |
|   |
|   |
| Type Code Symbol Stamp  |
|   |
| Certificate of Authorization No. N/A Expiration Date N/A  |
|   |
| Signed R.B. William ASME PROGRAM ENGR. Date 2-7-01  |
| 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 Minnesate and employed by HSB IAT Co.  |
|   |
| in this Owner's Report during the period $\frac{2861}{1000}$ to $\frac{3801}{1000}$ 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.              |
|   |
| 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
| Commissions <u>NB 11872 ANI</u> , MW 395  Inspector's Signature Commissions <u>NB 11872 ANI</u> , MW 395  National Board, State, Province, and Endorsements |
| - Tottonal Board, State, Frovince, and Endorsements   |
| 2/8/11  |
| Date  |
|   |

|                       |   |  |                          | Date 2/6/01 Sheet                      | 1                |  |   |
|-----------------------|---|--|--------------------------|--|------------------|--|---|
| 1 <u>717 Wakor</u>    | nade Dr. E. Address   | Welch, MN  | <u>550</u> 89            | •                                      |                  |  |   |
| 2. Plant <u>Prair</u> | ie Island<br>Name   |  | <del></del>              | Unit                                   | _ <del></del> -  |  |   |
| Same                  | Address   |  |                          | NO. 000 708                            | 39<br>ization P. | O. No., Job No., e                       | tc.                                       |
| 3. Work Performed     | by Owner  | Name   |                          | Type Code Symbol S<br>Authorization No | /                | V/A                                      |   |
| SAME                  | Address   | <del></del>  |                          | Expiration Date                        |                  | N/A                                      |   |
| 4. Identification of  | System_MS_  |  |                          |  |                  |  |   |
| (b) Applicable E      | onstruction Code ANSI<br>dition of Section XI Ut<br>Components Repaired | ilized for Repairs o                                     | or Replacement           | s 19 <u>94</u>                         |                  | 1  |   |
| Name of<br>Component  | Name of<br>Manufacturer   | Manufacturer<br><del>Serial</del> No.<br>ભ <b>ວ</b> Dຮັບ | National<br>Board<br>No. | Other<br>Identification<br>Location    | Year<br>Built    | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER<br>PI-470     | BASIC   | 3.25×5   |                          | 1-MSH-107B                             |                  | REPLACED                                 | 100                                       |
| SNUBBER<br>PL-507     | BASIC<br>ENGINEER   | 3.25×5   |                          | 1-msH-107B                             |                  | REPLACEMENT                              | NO  |
|                       |   |  |                          |  |                  |  |   |
|                       |   |  |                          |  |                  |  |   |
|                       |   |  |                          |  |                  |  |   |
| 7 0 ::::              | Vork_REPLACED   | SNURBER (  | armt DEF                 | ORBISHED SN                            | SUBBER           | 2  |   |
| 7. Description of v   | d: Hydrostatic 🗍 1  | Pneumatic N  | ominal Operatii          |  |                  |  |   |

| 9. | Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached PLANT PROCEDURE D45.2  |
|    |  |
|    |  |
|    |  |
|    |  |
|    |  |
|    | CERTIFICATE OF COMPLIANCE  |
|    | We certify that the statements made in the report are correct and thisconforms to the rules of the   |
|    | ASME Code, Section XI.   |
|    |  |
|    |  |
|    | Type Code Symbol Stamp   |
|    |  |
|    | Certificate of Authorization No. NA Expiration Date NA   |
|    | Signed R.B. Willow ASME PROGRAM ENGR. Date 2-7-01 ,19_   |
|    |  |
|    | CERTIFICATE OF INSERVICE INSPECTION  |
|    | I, the undersigned, holding a valid commission issued by the Natignal Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minness to and employed by HSB IAI Co. of Hactford, CT   |
|    | Hartford, CT  have inspected the components described to 2/8/01  to 2/8/01  and state that   |
|    | in this Owner's Report during the period \( \alpha / \delta / \del |
|    | 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.  |
|    |  |
|    | Inspector's Signature Commissions NB 11872 ANT , MN 395  National Board, State, Province, and Endorsements   |
|    | National Board, State, Province, and Endorsements  |
|    | Day 2/E/a  |
|    | Date   |
|    |  |

| 1. Owner <u>Northe</u>                                  | ern States   | Power/Xce                                 | 1 Energy                          | Date 2/6/01                                       |                         |  |   |
|---|--|---|-----------------------------------|---|-------------------------|--|---|
| 1 <u>717 Wakon</u> a                                    | ade Dr. E.   | Welch, MN                                 | 1 <u>550</u> 89                   | Sheetof   |                         |  |   |
| 2. Plant <u>Prairi</u>                                  | e Island<br>Name                                     |   |                                   | Unit  |                         |  |   |
| Same  | Address  |   | <del></del>                       | Repair Organi                                     | 72<br>zation P.         | O. No., Job No., e                       | tc.                                       |
|   |  |   |                                   | Time Cade Cumbal C                                | tamp                    | NIA                                      |   |
| 3. Work Performed by                                    | y  | Name                                      |                                   | Authorization No Expiration Date                  |                         | NIA                                      |   |
| SAME  | Address  |   |                                   | Expiration Date                                   |                         | N/A                                      |   |
| 4. Identification of S                                  |  |   |                                   |   |                         |  |   |
| 5 (a) Applicable Cor                                    | nstruction Code <u>ANS</u><br>ition of Section XI Ut | I B31.1 19                                | 67 Edition,<br>or Replacement     | Ad  | denda,                  |  | Code Case                                 |
| Name of<br>Component                                    | Name of<br>Manufacturer                              | Manufacturer<br>Series No.<br>เพอบิธีบ    | National<br>Board<br>No.          | Other<br>Identification<br>LACATION               | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER<br>PI-521                                       | BASIC  | .75×5                                     |                                   | 1-RCVCH-1283                                      | _                       | REPLACED                                 | 100                                       |
| SPARRET   | BASIC<br>ENGINEER                                    | .75×5                                     | -                                 | 1-PCVCH-1283                                      |                         | REPLACEMENT                              | No  |
|   |  |   |                                   |   |                         |  |   |
|   |  |   |                                   |   |                         |  |   |
| 7. Description of Wo                                    | ork_REPLACED   | snubber u                                 | WITH REFU                         | ebished sour                                      | 3BER                    |  |   |
| 8. Tests Conducted:                                     | Hydrostatic  | Pneumatic N                               | lominal Operatir<br>i Test Temp,_ | ng Pressure°F                                     |                         |  |   |
| NOTE: Supplem<br>tion in items 1 t<br>recorded at the t | hrough 6 on this rep                                 | of lists, sketches,<br>ort is included on | or drawings madeach sheet, and    | y be used, provided (1<br>d (3) each sheet is nur | ) size is 8<br>nbered a | % in. x 11 in., (2)<br>nd the number of  | informa-<br>sheets is                     |

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| lemarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLA  | TW       |
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| Applicable Manufacturer's Data Reports to be attached   |          |
| PROCEDURE D45,2   |          |
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| CERTIFICATE OF COMPLIANCE   |          |
| We certify that the statements made in the report are correct and thisconforms to the rules of                            | of the   |
| ASME Code, Section XI.  |          |
|   |          |
|   |          |
| ype Code Symbol Stamp   |          |
|   |          |
| Pertificate of Authorization No. N/A Expiration Date N/A  |          |
| Expiration DateExpiration Date  |          |
| igned R.B. William, ASME PROGRAM ENGR. Date 2-7-01  |          |
| igned K.B.Willah ASME PROGRAM ENGR. Date 2-7-01   |          |
| o www. o.   |          |
|   |          |
| CERTIFICATE OF INSERVICE INSPECTION   |          |
| the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and th  | a State  |
| r Province of Minesuta and employed by HSB I+I Co.  | of       |
| Haston II   |          |
| this Owner's Report during the period $\frac{2/8}{4}$ to $\frac{2/8}{4}$ , and sta  | scribed  |
| , and sta   | ite that |
| the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described         | in this  |
| wner'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, concern      | ing the  |
| xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his em       | nplover  |
| nall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected w | ith this |
| rispection.   |          |
|   |          |
| (T) A Commission NR 11672 ANT MN 395  |          |
| Commissions NB 11872 ANT MN 395 Inspector's Signature Commissions National Board, State, Province, and Endorseme          | ents     |
| . , store, the Endorstant   |          |
| 2/6/4   |          |
| ate   |          |
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|----------|--|-------------------------|---|----------------------------------|---|---------------------------|--|---|
| 1.       | Owner <u>Norther</u>   | n States I              | Power/Xce                                       | 1 Energy                         | y Date 2/6/61                                     |                           |  |   |
|          | 1 <u>717 Wakona</u>  | de Dr. E.               |   |                                  |   |                           |  |   |
| 2.       | Plant Prairie  | Island<br>Name          |   | <del></del>                      |   |                           |  | <del></del>                               |
|          | Same   | Address                 |   |                                  | WO. 000706<br>Repair Organ                        | 38<br>ization P.          | O. No., Job No., e                       | tc.                                       |
| 3.       | Work Performed by_   |                         | Name  |                                  | Type Code Symbol S                                | Stamp                     | N/A                                      |   |
|          | SAME   | Address                 |   | <del></del>                      | Authorization No                                  |                           | NIA                                      |   |
| 4.       | . Identification of Sys                                      |                         |   |                                  |   |                           | <del> </del>                             | <del></del>                               |
|          | (a) Applicable Cons<br>(b) Applicable Edition                | on of Section XI Uti    | lized for Repairs                               | or Replacement                   | ts 19 <u>5</u> [                                  | ddenda,                   |  | Code Case                                 |
|          | Name of<br>Component   | Name of<br>Manufacturer | Manufacturer<br><del>Sorial</del> No.<br>Mo⊅ë ⊦ | National<br>Board<br>No.         | Other<br>Identification<br>Location               | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| ı        | SNUBBER<br>PI-537  | BASIC                   | 3.25×5  |                                  | 1-msH-107A  |                           | REPLACED                                 | NO  |
| T        | SAUBBER<br>PL-540  | BASIC<br>ENGINEER       | 3.25×5  |                                  | 1-MSH-107A  |                           | REPLACEMENT                              | 100                                       |
| <b> </b> |  |                         |   |                                  |   |                           |  |   |
| +        |  |                         |   |                                  |   |                           |  |   |
| -        |  |                         |   |                                  |   |                           |  |   |
| Ĺ        | 7. Description of Worl                                       | DED ACED                | SNURWED   | WITH R                           | EBUILT SNU  | BBER                      |  |   |
|          |  |                         |   |                                  |   |                           |  |   |
| 8        | 8. Tests Conducted:  | Hydrostatic Foressure   | ps  | i Test Temp.                     | °F  |                           |  |   |
|          | NOTE: Suppleme<br>tion in items 1 the<br>recorded at the top | rough 6 on this repo    | of lists, sketches,<br>ort is included on       | or drawings ma<br>each sheet, an | ay be used, provided (<br>id (3) each sheet is nu | 1) size is 8<br>imbered a | 3½ in. x 11 in., (2) and the number of   | informa-<br>sheets is                     |

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| 9. | Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH   |   |
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|    | Applicable Manufacturer's Data Reports to be attached  | _ |
|    | PLANT PROCEDURE D45.2  |   |
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|    | CERTIFICATE OF COMPLIANCE  | ٦ |
|    | We cartify that the statements and in the  | ı |
| ı  | ASME Code, Section XI.  conforms to the rules of the   | ł |
| İ  | Nome Gode, See Borr XII.   |   |
|    |  | 1 |
|    | Type Code Symbol Stamp   | 1 |
|    | Type Code Symbol Stamp   |   |
|    |  | 1 |
|    | Certificate of Authorization No. N/A Expiration Date N/A   | ı |
|    | 21/00 5  |   |
|    | Signed R.B. Willed ASME ANGRAM ENGR. Date 2-7-01   | 1 |
|    | Owner or Owner's Designee, Title   | 1 |
|    |  | 7 |
|    | CERTIFICATE OF INSERVICE INSPECTION  | 7 |
|    | I, the undersigned, holding a valid commission issued by the National Roard of Rolley and December 1                               | 1 |
|    | or Province of Minnesuta and employed by HOB LGL (c.   | ı |
|    | Hartford (6)   |   |
|    | y y wykostos the components described  |   |
|    |  |   |
|    | 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.   | 1 |
|    | By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the        | ļ |
|    | examinations and corrective measures described in this Owner's Report, Furthermore, neither the Inspector por his employer         | ١ |
|    | snail be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this | ı |
|    | inspection.  |   |
|    |  |   |
|    | Commissions NB 11872 ANI MN395   |   |
|    | Inspector's Signature Commissions NB 11872 ANT MN395  National Board, State, Province, and Endorsements                            | 1 |
|    |  | [ |
|    | Date2/8/0/   |   |
|    |  | 1 |

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|----|--|-------------------------|---|----------------------------------|--|--------------------------|--|---|
| 1. | Owner Northe   | rn States I<br>Name     | Power/Xce                                 | 1 Energy                         | Date 2/6/01                                      |                          | ·  |   |
|    | 1 <u>717 Wakona</u>  | de Dr. E.               | Welch, MM                                 | <u> 550</u> 89                   | Sheet of   |                          |  |   |
|    | Plant Prairie  |                         |   | <del></del>                      | Unit   |                          |  |   |
|    | Same   | Address                 |   |                                  | W0. 000708  Repair Organ                         | 6<br>lization P.         | O. No., Job No., e                       | ntc.                                      |
| 3. | Work Performed by_   | Owner                   | Name                                      |                                  | Type Code Symbol S<br>Authorization No           | Stamp                    | NIA                                      |   |
|    | SAME   | Address                 |   |                                  | Expiration Date                                  |                          | NIA                                      |   |
| 4. | Identification of Sys  |                         |   |                                  |  |                          |  |   |
|    | (a) Applicable Cons (b) Applicable Editi  Identification of Co | on of Section XI Uti    | lized for Repairs                         | or Replacement                   | s 19 <u>99</u>                                   | ddenda,                  |  | Code Case                                 |
|    | Name of<br>Component   | Name of<br>Manufacturer | Manufacturer<br>Seriel No.<br>MEDEL       | National<br>Board<br>No.         | Other Identification Loc.ATIPN                   | Year<br>Built            | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| ı  | 5NUBBER<br>PI-213  | BASIC                   | 2×10                                      |                                  | 1-RCSH-81  |                          | REPLACED                                 | 100                                       |
| •  | SNUBBER<br>PT 51   | BASIC<br>ENGINEER       | 2×10                                      |                                  | 1-RCSH-81  |                          | REPLACEMENT                              | มด  |
|    |  |                         |   |                                  |  |                          |  |   |
|    |  |                         |   |                                  |  | -                        |  |   |
|    |  |                         |   |                                  |  |                          |  |   |
| 7  | . Description of Wor   | k REPLACED S            | NUBBER V                                  | uith ref                         | URBISHED SN                                      | OBCEA                    | 2  |   |
| ε  | 3. Tests Conducted:  | Hydrostatic P           | neumatic N                                | ominal Operati<br>i Test Temp.   | ng Pressure° F                                   |                          |  |   |
|    | NOTE: Suppleme<br>tion in items 1 th<br>recorded at the top    | rough 6 on this repo    | of lists, sketches,<br>ort is included on | or drawings ma<br>each sheet, an | y be used, provided (1<br>d (3) each sheet is nu | l) size is 8<br>mbered a | ½ in. × 11 in., (2)<br>nd the number of  | informa-<br>sheets is                     |

| 9. | Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached PROCEDURE D45.2  |
|    | PROCEDURE DAS, 2   |
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| Г  | CERTIFICATE OF COMPLIANCE  |
|    | We need for the state of the st |
|    | ASME Code, Section XI.  conforms to the rules of the   |
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|    | Type Code Symbol Stamp   |
|    | Constituent of Australia is at AUA   |
| ĺ  | Certificate of Authorization No. N/A Expiration Date N/A   |
|    | Signed R. B. Willah, ASME PROGRAM ENGR. Date 2-7-01  |
|    | 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   |
|    | have inspected the components described  |
|    | to the best of my least later that the transfer of the best of my least later 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. $\eta_{k,k}$   |
|    |  |
|    | Commissions NB 1/872 ANI MN 395  Inspector's Signature Commissions National Board, State, Province, and Endorsements   |
|    | Inspector's Signature National Board, State, Province, and Endorsements  |
|    | Du 2/6/4   |
|    | Date   |
|    |  |

| 1. Owner North                | ern States ]<br>Name  | Power/Xce                           | 1 Energy                       | Date 2/6/01   | <u> </u>                |  |                           |
|-------------------------------|---|-------------------------------------|--------------------------------|---|-------------------------|--|---------------------------|
|                               | ade Dr. E.  | Welch, MN                           | <u>550</u> 89                  | Sheet of.   |                         |  |                           |
| 2. Plant <u>Prairi</u>        | e Island<br>Name  |                                     |                                | Unit(   |                         |  |                           |
| ~                             |   |                                     |                                | WO. 0007  | 082                     |  |                           |
| <u>Same</u>                   | Address   |                                     | <del></del>                    | WO. 0007<br>Repair Organi                           | zation P.               | O. No., Job No., e                       | tc.                       |
|                               |   |                                     |                                | Type Code Symbol S Authorization No Expiration Date |                         | MA                                       |                           |
| 3. Work Performed b           | y Owner   | Name                                |                                | Type Code Symbol S                                  | tamp                    | 21/2                                     |                           |
|                               |   | Name                                |                                | Authorization No                                    |                         | 10                                       | <del></del>               |
| SAME                          | Address   |                                     |                                | Expiration Date                                     |                         | NIF                                      |                           |
|                               | Address   |                                     |                                |   |                         |  |                           |
| 4 Identification of S         | System CL   |                                     |                                |   |                         |  |                           |
|                               |   |                                     |                                |   |                         |  |                           |
|                               | nstruction Code ANS.  | T &3:1 10                           | (-7 Edition                    | Ac  | idenda                  |  | Code Case                 |
| 5. (a) Applicable Co          | Instruction Code ANS.   | 1 100111 19                         | D / Edition,                   | 10 3/9  |                         |  |                           |
| (b) Applicable Ed             | lition of Section XI Ut   | ilized for Repairs                  | or Replacement                 | s 19_ <u>6 1</u>                                    |                         |  | ,                         |
|                               |   |                                     |                                |   |                         |  |                           |
| 6 Identification of (         | Components Repaired   | or Replaced and R                   | eplacement Co                  | mponents  |                         |  |                           |
| g. racitineation of t         | 2011,p=1111111111111111111111111111111111                           |                                     |                                |   |                         |  |                           |
|                               |   |                                     |                                |   |                         |  | ASME<br>Code              |
| Name of<br>Component          | Name of<br>Manufacturer   | Manufacturer<br>Serial-No.<br>MoDEL | National<br>Board<br>No.       | Other Identification Lecation                       | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | Stamped<br>(Yes<br>or No) |
| SNUBBER                       | BASIC   | 1                                   |                                | 1-CWRH-81   |                         | REPLACED                                 | 100                       |
| PI-512                        | ENGINGER  | 1×5                                 |                                | I-CWI-II OT   |                         | 10,10,10                                 | ļ                         |
| SNUBBER                       | BASIC   |                                     |                                | 1-CWRH-81   |                         | REPLACEMENT                              | 100                       |
| 1                             | ENGINEER  | 1×5                                 |                                | 11-CMKH-01  |                         | (CE CALCINEO                             |                           |
| PI-133                        | ENGINEER  |                                     |                                |   |                         |  |                           |
|                               |   |                                     |                                |   |                         |  |                           |
|                               |   |                                     |                                |   |                         |  |                           |
|                               |   |                                     | L                              |   | L                       |  |                           |
| 7. Description of W           | ork_REPLACED  | SNUBBER W                           | ITH REF                        | URBISHED SNU  | BBE 12                  |  |                           |
|                               |   |                                     |                                |   |                         |  |                           |
| 8. Tests Conducted            | : Hydrostatic   | Pneumatic N                         | ominal Operati<br>i Test Temp. | ng Pressure 🔲<br>° F                                |                         |  |                           |
| NOTE: Suppler tion in items 1 | mental sheets in form<br>through 6 on this rep<br>top of this form. | of lines skatches                   | or drawings ma                 | v be used provided (1                               | ) size is 8<br>mbered a | 3½ in. x 11 in., (2)<br>and the number o | informa-<br>f sheets is   |

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(12/82)

| Applicable Manufacturer's Data Reports to be attached  PLOCEDURE D45.2  CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. |
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| CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this   |
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| ASME Code, Section XI.  |
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| Type Code Symbol Stamp  |
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| Certificate of Authorization NoExpiration Date  |
|   |
| Signed R.B. Willow ASME PROGRAM ENGR. Date 2-7-01   |
| Owner or Owner's Designee, Title  |
|   |
| CERTIFICATE OF INSERVICE INSPECTION   |
| , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat  |
| or Province of Minnes to and employed by MSB 1+1 Co,  |
| Hartfield, CT have inspected the components described to $2/8/d1$ to $2/8/d1$ and state that  |
| in this Owner's Report during the period $\frac{\omega/8/cl}{\omega}$ to $\frac{2/8/cl}{\omega}$ and state that   |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in thi   |
| 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 th  |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe   |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi   |
| nspection.  |
|   |
| Commission NB 1/872 ANT May 395   |
| Commissions NB 1/872 ANT MN 395  Inspector's Signature Commissions National Board, State, Province, and Endorsements  |
|   |
| Date 2/8/01 Nov   |
|   |

| 1. Owner Northe                    | rn States F                             | ower/Xce                   | <u>l Ene</u> rgy         | Date 2/6/61   |               | <del></del>                 |                         |
|------------------------------------|---|----------------------------|--------------------------|---|---------------|-----------------------------|-------------------------|
| 1 <u>717 Wakona</u>                |   |                            |                          |   |               |                             |                         |
| 2. Plant <u>Prairie</u>            |   |                            |                          | Unit  |               |                             |                         |
|                                    | ,                                       |                            |                          | WO. 000706  | 7             |                             |                         |
| <u>Same</u>                        | Address                                 |                            | <del></del>              | Repair Organ  | ization P.    | O. No., Job No., e          | rtc.                    |
|                                    | • |                            |                          |   |               | .111                        |                         |
| 3. Work Performed by               | Owner                                   |                            |                          | Type Code Symbol S Authorization No Expiration Date | stamp         | N/M                         |                         |
|                                    |   | Name                       |                          | Authorization No                                    |               | NIA                         |                         |
| SAME                               |   |                            |                          | Expiration Date                                     |               | NIA                         |                         |
| 0,,,,,                             | Address                                 |                            |                          |   |               |                             |                         |
| 4. Identification of Sys           | CC                                      |                            |                          |   |               |                             |                         |
| 4. Identification of Sys           | stem                                    |                            |                          |   |               |                             | *                       |
| 5. (a) Applicable Cons             | struction Code ANSI                     | 831.1 19                   | 67 Edition,              | A   | ddenda,       |                             | Code Case               |
| (b) Applicable Edit                | ion of Section XI Uti                   | lized for Repairs          | or Replacement           | ts 19_ <u>8 (</u>                                   |               |                             |                         |
|                                    |   |                            |                          |   |               |                             |                         |
| 6. Identification of Co            | mponents Repaired (                     | or Replaced and R          | replacement Co           | mponents  |               |                             |                         |
| O. Identification of oc            |   | ·                          |                          |   |               |                             |                         |
|                                    |   |                            |                          |   |               | Repaired,                   | ASME<br>Code<br>Stamped |
| Name of<br>Component               | Name of<br>Manufacturer                 | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification Location                       | Year<br>Built | Replaced,<br>or Replacement | (Yes<br>or No)          |
|                                    |   |                            |                          |   |               |                             |                         |
| SNUBBER                            | BASIC                                   | 1.5×5                      |                          | 1-CCH-318   |               | REPLACED                    | 170                     |
| Pt-287                             | ENGINEER                                | 1.373                      |                          |   |               |                             | ļ                       |
| SNUBBER                            | PASIC                                   | =                          |                          | 1-ccH-318   |               | REPLACEMENT                 | N0                      |
| PI-80                              | ENGINEER                                | 1.5×5                      |                          | 12CCTF 77.0   |               |                             | <u> </u>                |
| F-2 00                             | Literio                                 |                            |                          |   |               |                             | 1                       |
|                                    |   |                            |                          |   |               |                             |                         |
|                                    | <u> </u>                                |                            |                          |   | <del></del>   |                             |                         |
|                                    |   |                            |                          |   |               |                             |                         |
|                                    |   |                            |                          |   |               |                             |                         |
|                                    |   |                            |                          |   |               |                             | 1                       |
|                                    |   |                            |                          |   | <u> </u>      | <u></u>                     |                         |
|                                    |   |                            |                          |   |               |                             |                         |
| 7. Description of Wor              | k REPLACED SI                           | NUBBER W                   | ith refur                | aished snubi  | 3ER           |                             |                         |
|                                    |   |                            |                          |   |               |                             |                         |
| <ol><li>Tests Conducted:</li></ol> | Hydrostatic F                           | 'neumatic 💹 N              | ominal Operati           | ing Pressure  |               |                             |                         |
| 8. Tests Conducted:                | Other Pressure                          | ps                         | i Test Temp.             | °F  |               |                             |                         |
|                                    |   |                            |                          |   |               |                             |                         |
|                                    | and about to form                       | of liete ebotcher          | or drawings ma           | y be used, provided (1                              | ) size is 8   | ½ in. x 11 in., (2)         | informa-                |
| NOTE: Suppleme                     | ental sheets in form                    | or is included on          | each sheet an            | d (3) each sheet is nu                              | mbered a      | nd the number o             | f sheets is             |
| tion in items 1 th                 | rough to on this repo                   | ar is included on          | cuell sileer, dil        | ,5,   |               |                             |                         |
| recorded at the to                 | p of this form,                         |                            |                          |   |               |                             |                         |
|                                    |   |                            |                          |   |               |                             |                         |

|  | Applicable Manufacturer's Data Reports to be attached   |
|--|---|
| PROCEDURE D45.2                          | Approvate Managard of a Data Mepolita to be attached  |
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|  | CERTIFICATE OF COMPLIANCE   |
| We certify that the statements           | s made in the report are correct and this conforms to the rules of the  |
| ASME Code, Section XI.                   | repair-e replacement  |
|  |   |
| ,  |   |
| Type Code Symbol Stamp                   |   |
|  |   |
| Certificate of Authorization No          | Expiration Date N/A   |
| •  |   |
| Signed K.B. Willow, ASME                 | PROGRAM ENGR. Date 2-7-01 ,19   |
| Owner or Owner's Designee, T             | itle  |
|  |   |
|  | CERTIFICATE OF INSERVICE INSPECTION   |
| I, the undersigned, holding a valid comm | nission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat  |
| or Province of <u>Minnesota</u>          | and employed by HSB I+I Co.   |
| Hartford, CT                             | haye inspected the components described   |
| in this Owner's Report during the peri   |   |
|  | , the Owner has performed examinations and taken corrective measures described in thi   |
| Owner's Report in accordance with the r  | requirements of the ASME Code, Section XI.  |
|  | e Inspector nor his employer makes any warranty, expressed or implied, concerning th  |
| examinations and corrective measures     | described in this Owner's Report. Furthermore, neither the Inspector nor his employe  |
| shall be liable in any manner for any ne | rsonal injury or property damage or a loss of any kind arising from or connected with thi   |
| inspection.                              | risonal injury of property damage of a loss of any kind arising from or connected with this   |
|  |   |
| (3/2)                                    | 1/B 11672 ANT 001/201   |
|  | Commissions NB 11872 ANT MN 395  National Board, State, Province, and Endorsements  |
| Inspector's Signature                    |   |
| Inspector's Signature                    | and a series of the series of |
| Inspector's Signature  Date 2/8/01       |   |

| 1. Owner North         | ern States 1   | Power/Xce               | <u>l Ene</u> rgy                        | Date 2/6/01               |             |                        |              |
|------------------------|--|-------------------------|---|---------------------------|-------------|------------------------|--------------|
|                        | Name   | u-1-1 MX                | T 55080                                 | Sheet of                  | 1           |                        |              |
| 1 <u>717 Wakon</u>     | ade Dr. E.   | weich, m                | 1 33009                                 | Sneet or.                 |             |                        |              |
| 2. Plant Prairi        | e Island   |                         |   | Unit(                     |             |                        | <del></del>  |
|                        | Name   |                         |   | (10,00070                 | 7d          |                        |              |
| Same                   | Address  |                         |   | WO. 00070<br>Repair Organ | ization P.  | O. No., Job No., e     | tc.          |
| <b></b>                | • •  |                         |   | Type Code Symbol S        | tamp        | NIA                    |              |
| 3. Work Performed b    | y  | Name                    |   | Authorization No          |             | MIA                    |              |
| SAME                   |  |                         |   | Expiration Date           |             | NIA                    |              |
|                        | Address  |                         |   |                           |             |                        |              |
| 4. Identification of S | ystem_CC   |                         | <u> </u>                                |                           |             |                        | <del></del>  |
|                        |  | T 1331.1 10             | 67 Edition                              | Ac                        | denda.      |                        | Code Case    |
| 5. (a) Applicable Co   | nstruction Code <u>ANS.</u><br>Ition of Section XI Ut  | ilized for Repairs      | or Replacement                          | 19 89                     |             |                        |              |
| (b) Applicable Ed      | itton or section XI of   | Mizeu for frepant       | •, ,,, <b>,</b> ,,                      |                           |             |                        |              |
| 6. Identification of C | Components Repaired  | or Replaced and F       | Replacement Co                          | mponents                  |             |                        |              |
|                        |  |                         |   | 1                         |             | 1                      |              |
|                        |  |                         |   |                           |             |                        | ASME         |
|                        |  |                         |   |                           |             |                        | Code         |
|                        |  |                         | National                                | Oakan                     | Year        | Repaired,<br>Replaced, | Stamped (Yes |
| Name of                | Name of<br>Manufacturer  | Manufacturer Serial No. | Board<br>No.                            | Other<br>Identification   | Built       | or Replacement         | or No)       |
| Component              | Wallufacturer  | model                   |   | LOCATION                  |             |                        |              |
| 6.33.0660              | BASIC  |                         |   |                           |             |                        |              |
| SNUBBER                | ENGINEER   | 1.515                   |   | 1-CCH-378                 |             | REPLACED               | 100          |
| PI-159<br>SNUBBER      | BASIC  | 1                       |   | 1-CCH-378                 |             | REPLACEMENT            | N            |
| PI-292                 | ENGINEER   | 1.5×5                   |   | 1-CCH-370                 |             | REPLACEMENT            | -            |
|                        |  |                         |   |                           |             |                        |              |
|                        |  |                         |   |                           |             |                        |              |
| · ·                    |  |                         |   |                           |             |                        |              |
|                        |  |                         |   |                           |             |                        |              |
|                        |  |                         |   |                           |             |                        |              |
|                        |  |                         |   |                           | a- a        |                        |              |
| 7. Description of W    | ork_REPLACED S   | snubber w               | 1TH REFU                                | ebished shubb             | SER         |                        | <u> </u>     |
|                        |  |                         |   | an Branning [             |             |                        |              |
| 8. Tests Conducted     | : Hydrostatic  | Pneumatic   N           | iominai Operati<br>i Test Temp          | ng Pressure °F            |             |                        |              |
|                        | Other M Liessone   | ,ps                     | , |                           |             |                        |              |
| NOTE: Supplen          | nental sheets in form  | of lists, sketches,     | or drawings ma                          | y be used, provided (1    | ) size is 8 | ½ in. x 11 in., (2)    | informa-     |
| tion in items 1        | through 6 on this rep  | ort is included on      | each sheet, an                          | d (3) each sheet is nu    | mbered a    | nd the number of       | sheets is    |
| recorded at the t      | top of this form.  |                         |   |                           |             |                        |              |
|                        |  |                         | _                                       |                           |             | Co. Nieus Meinle Ni    | V 10017      |
| (12/82)                | This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017 |                         |   |                           |             |                        |              |

1,3

| 9. Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH  |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
| PLANT PROCEDURE D45.2  |
|  |
|  |
|  |
|  |
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|  |
| CERTIFICATE OF COMPLIANCE  |
|  |
| We certify that the statements made in the report are correct and thisconforms to the rules of the ASME Code, Section XI.  |
| The state of the s |
|  |
| Type Code Symbol StampN/A  |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
|  |
| Signed R.B. Williak, ASME PROGRAM ENGINEER Date 2-7-01   |
| Owner or Owner's Designee Title  |
| - Common a designed, 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 Manage 74 and employed by HSB INI C.  |
| in this Owner's Report during the period 2/8/01 have inspected the components described to 2/8/01, and state that  |
| in this Owner's Report during the period 2/8/0/ to 2/8/0/ 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.  |
|  |
| Commissions NB 11872 ANT MN 395 Inspector's Signature Commissions National Board, State, Province, and Endorsements  |
| National Board, State, Province, and Endorsements  |
| 2/0/   |
| Date_ 2/8/01   |
|  |

| Same  | Name                    |                                     |                          |  |               |  |   |
|---|-------------------------|-------------------------------------|--------------------------|--|---------------|--|---|
|   |                         |                                     |                          | ₩0, 00079                              | 573           |  |   |
|   | Address                 |                                     |                          | Repair Organ                           | ization P.    | O. No., Job No., e                       | tc.                                       |
|   |                         |                                     |                          | Type Code Symbol S                     | Stamp         | NIA                                      |   |
| 3. Work Performed by  | Owner                   | Name                                |                          | Type Code Symbol S<br>Authorization No |               | NIA                                      |   |
| SAME  |                         |                                     |                          | Expiration Date                        |               | NIA                                      |   |
| 3#116   | Address                 |                                     |                          |  |               |  |   |
| 4. Identification of Sys  | tom C.C.                |                                     |                          |  |               |  |   |
| <ul><li>5. (a) Applicable Cons</li><li>(b) Applicable Edition</li><li>6. Identification of Constant</li></ul> | ion of Section XI Uti   | lized for Repairs (                 | or Replacement           | s 19 <u>87</u>                         | ddenda,       |  | Code Case                                 |
| Name of<br>Component  | Name of<br>Manufacturer | Manufacturer<br>Serial No.<br>MoDEL | National<br>Board<br>No. | Other<br>Identification<br>LockTion    | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER   | BASK                    |                                     |                          | 1-CCH-377                              |               | REPLACED                                 | No  |
| PI-439  | ENGINEER                | 1.5×5                               |                          | 1-CCH-3 (1                             |               | CT DOLL                                  | /00                                       |
| SNUBBER<br>PI-416   | BASIC<br>ENGINEER       | 1.5×5                               |                          | 1-CCH-377                              |               | REPLACEMENT                              | NO  |
|   |                         |                                     |                          |  |               |  |   |
|   |                         |                                     |                          |  |               |  |   |
| 7. Description of Man   | k REPLACED S            | NUBBER WI                           | TH REFUR                 | BISHED SHUBE                           | eo.           |  | _   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| Remarks FUNCTIONALLY TESTED FER ASME OM-4 IN ACCURDANCE WITH  |          |
|---|----------|
| Applicable Manufacturer's Data Reports to be attached   |          |
| PLANT PROCEDURE D45.2   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
| CERTIFICATE OF COMPLIANCE   |          |
| We certify that the statements made in the report are correct and thisconforms to the rules of ASME Code, Section XI.       | of the   |
| ASME Code, Section XI.  |          |
|   |          |
| <b>/</b> .  |          |
| Type Code Symbol Stamp  |          |
| <i>,</i>  |          |
| Certificate of Authorization No. NA Expiration Date NA  |          |
|   |          |
| Signed P.B.William ASME PROGRAM ENGR. Date 2-7-01   |          |
| 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 th | . C+n+   |
| or Province of Minnesota and employed by HSB I+I Co.  | ie Stat  |
| Hert ford, CT have inspected the components do  | 0        |
| in this Owner's Report during the period 2/8/01 to 3/8/01 in the period and sta   | scribe   |
| to the best of my knowledge and belief the Owner has not found in it.   | ite tha  |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described        | l in thi |
| 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, concern        | ing th   |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his err       | nploye   |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected w  | ith thi  |
| inspection.   |          |
| (1)   |          |
| Commissions AS 11872 AUT, MN 395 Inspector's Signature Commissions National Board, State, Province, and Endorseme           |          |
| Inspector's Signature National Board, State, Province, and Endorseme  | ents     |
| 1 / /   |          |
| Date 2/8/01 100   |          |
|   |          |

| •        | Owner Norther          | n States F            | ower/Xce           | 1 Energy        | 7 Date <u>2/6/01</u>                                |             |  |                                       |
|----------|------------------------|-----------------------|--------------------|-----------------|---|-------------|--|---------------------------------------|
| ١.       | Owner MOT CHCT         | Name                  |                    |                 | , ,   |             | •  |                                       |
| 1        | 717 Wakona             | de Dr. E. Address     | Welch, MN          | <u>  550</u> 89 | Sheet of.   |             |  | · · · · · · · · · · · · · · · · · · · |
| 2.       | Plant Prairie          | Island                |                    | <u> </u>        | Unit  |             |  |                                       |
|          |                        | Name                  |                    |                 |   |             |  |                                       |
|          | Same                   | Address               |                    | <del></del>     | Repair Organi                                       | ization P.  | O. No., Job No., e                               | tc.                                   |
|          |                        | •                     |                    |                 |   |             |  |                                       |
| 3.       | Work Performed by_     | Owner                 | Name               |                 | Authorization No.                                   | (arrip      | NIA  |                                       |
|          | SAME                   |                       |                    |                 | Type Code Symbol S Authorization No Expiration Date |             | V (A   |                                       |
|          |                        | Address               |                    |                 | •   |             |  |                                       |
| 4.       | Identification of Sys  | tem_ <u>5B</u>        |                    |                 |   |             |  |                                       |
|          |                        |                       |                    |                 |   |             |  |                                       |
| 5.       | (a) Applicable Const   | truction Code ANSI    | 631.1 19           | 67 Edition,     | Ad  | ldenda,     |  | Code Case                             |
|          | (b) Applicable Edition | on of Section XI Uti  | lized for Repairs  | or Replacement  | s 19 <u>8 1</u>                                     |             |  |                                       |
|          |                        |                       |                    |                 | mnononte  |             |  |                                       |
| 6.       | Identification of Cor  | nponents Repaired o   | or Replaced and H  | repracement Co  | mponents  |             |  |                                       |
| Г        |                        |                       |                    |                 |   |             |  |                                       |
|          |                        |                       |                    |                 |   |             |  | ASME<br>Code                          |
|          |                        |                       |                    | National        |   |             | Repaired,  | Stamped                               |
|          | Name of                | Name of               | Manufacturer       | Board           | Other   | Year        | Replaced,  | (Yes                                  |
|          | Component              | Manufacturer          | Seriel No.         | No.             | Identification                                      | Built       | or Replacement                                   | or No)                                |
|          |                        |                       | MODEL              |                 | 20.014  |             |  |                                       |
| +        | SNUBBER                | BASK                  |                    |                 | 0.000.) ( 0.3                                       |             | 350 ACC  |                                       |
|          | PI-324                 | ENGINEER              | .75×5              |                 | 1-RBDH-601  |             | REPLACED   | NO                                    |
|          | SNUBBER                | BASIC                 | .75×5              |                 | 1-RBDH-601  |             | REPLACEMENT                                      | oa                                    |
|          | PI-320                 | ENGINEER              |                    |                 | 1-122-11 001  |             |  |                                       |
|          |                        |                       |                    |                 |   |             |  |                                       |
| $\vdash$ |                        |                       |                    |                 |   |             | <del>                                     </del> |                                       |
|          |                        |                       |                    |                 |   |             |  |                                       |
| $\vdash$ |                        |                       |                    |                 |   |             |  |                                       |
|          |                        |                       |                    |                 |   |             |  |                                       |
| ٠.       |                        |                       |                    |                 |   |             |  |                                       |
| 7        | . Description of World | REPLACED S            | soubber w          | ITH REFUR       | bished snubf  | ser         |  |                                       |
|          |                        |                       |                    |                 |   |             |  |                                       |
| 8        | . Tests Conducted:     | Hydrostatic P         | neumatic N         | ominal Operati  | ng Pressure 🔲                                       |             |  |                                       |
|          |                        | Other Pressure        | ps                 | i lest lemp.    | F   |             |  |                                       |
|          | NOTE: Commission       | ntal charge in form o | of liete skotchoe  | or drawings ma  | y be used, provided (1                              | ) size is 8 | ½ in. x 11 in., (2)                              | informa-                              |
|          | tion in items 1 thr    | ough 6 on this repo   | ort is included on | each sheet, an  | d (3) each sheet is nu                              | mbered a    | nd the number of                                 | sheets is                             |
|          | recorded at the top    |                       |                    |                 |   |             |  |                                       |
|          |                        |                       |                    |                 |   |             |  |                                       |

| 9. | Remarks FUNCTIONALLY TEST REPLACEMENT SNUBBER PE-320 PER   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached  |
|    | ASME OM-4 IN ACCORDANCE WITH PLANT PROCEDURE DYSZ. AS-FOUND  |
|    | TESTED REPLACED SNURGER PT-324 IN ACCORDANCE WITH PLANT PROCEDURE  |
|    | D45.5, FAILED, HIGH BLEED IN TENSION, SEE CR 20011098  |
|    |  |
|    | CERTIFICATE OF COMPLIANCE  |
|    | We certify that the statements made in the report are correct and thisconforms to the rules of the ASME Code, Section XI.          |
|    | Type Code Symbol Stamp   |
|    | Certificate of Authorization No. N/A Expiration Date N/A   |
|    | Signed R.B.Willish, ASME PROGRAM ENGR. Date 2-7-01 ,49   |
|    | 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 HSB I &I Co. of   |
|    |  |
|    | in this Owner's Report during the period 2/8/01 to 2/8/01 to 2/8/01, 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.  |
|    |  |
|    | Commissions NB 11872 ANT, MN 395  Inspector's Signature National Board, State, Province, and Endorsements                          |
|    | Inspector's Signature National Board, State, Province, and Endorsements  |
|    | Date   |

| =   |   |   |                         |                          |  |                         |  |   |
|-----|---|---|-------------------------|--------------------------|--|-------------------------|--|---|
| 1.  | Owner Norther   | n States I                                  | ower/Xce                | 1 Energy                 | y Date 2/6/01                                      |                         |  |   |
| 1   | I <u>717 Wakona</u>   | de Dr. E.                                   | Welch, MN               | <u>550</u> 89            | Sheetof_   |                         |  |   |
|     | Plant Prairie   |   |                         |                          | Unit   |                         |  |   |
|     | Same  | Address                                     |                         |                          | WO. 0007085<br>Repair Organi                       | zation P.               | O. No., Job No., e                       | tc.                                       |
| 3.  | Work Performed by_  | Owner                                       | Name                    |                          | Type Code Symbol S<br>Authorization No.            | tamp                    | NA                                       |   |
|     | SAM   | €Address                                    |                         | <del></del>              | Expiration Date                                    |                         | N/A                                      |   |
| 4.  | Identification of Sys   |   |                         |                          |  |                         |  |   |
|     | (a) Applicable Cons (b) Applicable Edition Identification of Cons | on of Section XI Uti                        | lized for Repairs       | or Replacemen            |  | ldenda,                 |  | Code Case                                 |
|     | Name of<br>Component  | Name of<br>Manufacturer                     | Manufacturer Serial No. | National<br>Board<br>No. | Other<br>Identification<br>Location                | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| - 1 | SNUBBER   | BASIC<br>ENGINEER                           | 2.5×5                   |                          | 1-MSDH-26B   |                         | REPLACED                                 | ∞   |
|     | PI-153<br>SNUBBER<br>PI-2   | BASIC<br>ENGINEER                           | 2.5×5                   |                          | 1-msDH-26B   |                         | REPLACEMENT                              | 00  |
| -   |   |   |                         |                          |  |                         |  |   |
|     |   |   |                         |                          |  |                         |  |   |
|     | 7. Description of Wor   | REPLACED                                    | SNUBBER                 | NITH REF                 | URBISHED SNU                                       | BBER                    |  |   |
|     | 3. Tests Conducted:   | Hydrostatic F                               |                         |                          |  |                         |  |   |
|     | NOTE: Suppleme<br>tion in items 1 the<br>recorded at the top      | ntal sheets in form<br>rough 6 on this repo | af lines akatabas       | or drawings m            | ay be used, provided (1<br>nd (3) each sheet is nu | ) size is 8<br>mbered a | 3½ in. x 11 in., (2) and the number of   | informa-<br>sheets is                     |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

|   | THE PER ASME OM-4 IN ACCORDANCE WITH   |
|---|--|
| PLANT PROCEDURE D45.2                                     | Applicable Manufacturer's Data Reports to be attached                                  |
| PLANT PROCEDURE 043.2                                     |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   | CERTIFICATE OF COMPLIANCE  |
| We certify that the statements ma                         | ade in the report are correct and this conforms to the rules of the                    |
| ASME Code, Section XI.                                    | repair o replacement   |
|   |  |
|   | 10   |
| Type Code Symbol Stamp                                    | <i>H</i>   |
| /   | 'a .   |
| Certificate of Authorization No.                          | Expiration Date N/A  |
| 201):00:  |  |
| Signed K.S. Will ASME .  Owner or Owner's Designee, Title | PROGRAM ENGR. Date 2-7-01  |
| Owner or Owner's Designee, Title                          |  |
|   |  |
| c   | CERTIFICATE OF INSERVICE INSPECTION  |
| I, the undersigned, holding a valid commission            | on issued by the National Board of Boiler and Pressure Vessel Inspectors and the State |
| or Province of Minnesota an                               | nd employed by HSB IAI &   |
|   |  |
| in this Owner's Report during the period_                 | have inspected the components described to $2/8/01$ to $2/8/01$ and state that         |
| to the best of my knowledge and belief, the               | e Owner has performed examinations and taken corrective measures described in thi      |
| Owner's Report in accordance with the requi               | cirements of the ASME Code, Section XI   |
|   |  |
| examinations and correction measures described            | spector nor his employer makes any warranty, expressed or implied, concerning the      |
| shall be liable in any manner for any parent              | cribed in this Owner's Report. Furthermore, neither the Inspector nor his employe      |
| inspection.   | nal injury or property damage or a loss of any kind arising from or connected with thi |
| inspection,   |  |
| 14/1  | AR 4630 AST 1205   |
| Inspector's Signature                                     | Commissions NB 11872 ANT MN395  National Board, State, Province, and Endorsements      |
| , ,   | National Board, State, Province, and Endorsements                                      |
| 2/6/2   |  |
| Date  |  |
|   |  |

| 1. Owner NOT LIFE          | ern States I<br>Name   | OWCITACO                                       | <del></del>                      |   |                          |  |   |
|----------------------------|--|--|----------------------------------|---|--------------------------|--|---|
| 1 <u>717 Wakon</u>         | ade Dr. E.   | Welch, MN                                      | <u> 550</u> 89                   | Sheet of  | i                        |  |   |
| 2. Plant <u>Prairi</u>     | e Island   |  | <del></del>                      | Unit  |                          |  |   |
|                            | 74011.0  |  |                                  | wo. 00070   | 66                       |  |   |
| Same                       | Address  |  | —                                | Wo. 00070<br>Repair Organ                         | ization P.               | O. No., Job No., e                       | tc.                                       |
| 3. Work Performed b        | Owner  |  |                                  | Type Code Symbol S                                | Stamp                    | NA                                       |   |
| 3. Work Performed D        |  | Name   |                                  | Authorization No                                  |                          | NIA                                      |   |
|                            | SAME<br>Address  |  |                                  | Expiration Date                                   |                          | NIA                                      |   |
|                            | Address  |  |                                  |   |                          |  |   |
| 4: Identification of S     | system_AF  |  | <del></del>                      |   | <del></del>              |  |   |
|                            | nstruction Code ANS  |  | . 3                              |   |                          |  | 0 - d - <b>0</b>                          |
|                            | lition of Section XI Ut  |  |                                  |   |                          | 1  |   |
| Name of<br>Component       | Name of<br>Manufacturer  | Manufacturer<br><del>Sorial</del> No.<br>MoDEL | National<br>Board<br>No.         | Other<br>Identification<br>Location               | Year<br>Built            | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER                    | BASIC<br>ENVINEER  | 1.5×5  |                                  | I-AFWH-84   | _                        | REPLACED                                 | 100                                       |
| PI-369<br>SNUBBER<br>PI-90 | Basic<br>Engineer  | 1.5×5  |                                  | 1-AFW4-84   | _                        | REPLAXEMENT                              | 00  |
|                            |  |  |                                  |   |                          |  |   |
|                            |  |  |                                  |   |                          |  |   |
| 7. Description of W        | ork_REPLACED   | SNUBBER  | WITH REF                         | EURBISHED SN                                      | VBBEE                    | •  |   |
| 8. Tests Conducted         | : Hydrostatic I  | Pneumatic N                                    | ominal Operati<br>i Test Temp.   | ng Pressure  F                                    |                          |  |   |
| tion in items 1            | mental sheets in form<br>through 6 on this repu<br>top of this form. | of lists, sketches,<br>ort is included on      | or drawings ma<br>each sheet, an | ly be used, provided (1<br>d (3) each sheet is nu | l) size is 8<br>mbered a | % in. x 11 in., (2)<br>nd the number of  | informa-<br>sheets is                     |
| (12/82)                    | This Form (E00   | 030) may be obta                               | ined from the C                  | Order Dept., ASME, 34                             | 15 E. 47th               | St., New York, N                         | Y. 10017                                  |

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| 9. Rem       | arks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT   |
|--------------|---|
|              | Applicable Manufacturer's Data Reports to be attached OCEDURE D45.7   |
|              |   |
|              |   |
|              |   |
|              | CERTIFICATE OF COMPLIANCE   |
| ASM          | We certify that the statements made in the report are correct and this conforms to the rules of the IE Code, Section XI.  |
| Туре         | Code Symbol Stamp   |
| Certi        | ficate of Authorization No. NA Expiration Date  |
| Signe        | owner or Owner's Designee, Title  |
|              | CERTIFICATE OF INSERVICE INSPECTION   |
| I, the       | e undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ovince of Minnesota and employed by HSB I+I of                          |
|              | is Owner's Report during the period 2/8/61 to 2/8/0/ and state that   |
| to th<br>Own | e best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this er's Report in accordance with the requirements of the ASME Code, Section XI. |
| В            | y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the  |
| 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 ction.   |
| ·            | Inspector's Signature Commissions NB 11872 ANI MN395  National Board, State, Province, and Endorsements   |
| Date.        | 2/8/01  |

| 1. Owner <u>Northe</u><br>1 <u>717 Wakon</u>            | ern States Name ade Dr. E.                  | Power/Xce<br>Welch, MM                    | 1 Energy<br>V 55089               | 7 Date <u>2/8/0  </u> Sheet   of                  |                         |  |   |
|---|---|---|-----------------------------------|---|-------------------------|--|---|
| 2. Plant <u>Prairi</u>                                  | e Island                                    |   |                                   | Unit  |                         |  | <del></del>                               |
|   | Name  |   |                                   | (.)0 000707                                       | 70                      |  |   |
| Same  | Address                                     |   |                                   | W0. 000707<br>Repair Organ                        | ization P.              | O. No., Job No., e                       | otc.                                      |
| 3. Work Performed b                                     | . Owner                                     |   |                                   | Type Code Symbol S                                | tamp                    | NIA                                      |   |
| 3. WOLK Periornied D                                    | y   | Name                                      | <del></del>                       | Authorization No.                                 |                         | NA                                       |   |
| SAME  | Address                                     |   |                                   | Expiration Date                                   |                         | V/A                                      |   |
|   |   |   |                                   |   |                         |  |   |
| 4. Identification of S                                  | system_CC                                   |   |                                   |   |                         |  |   |
| (b) Applicable Ed                                       | ition of Section XI Ut  Components Repaired | ilized for Repairs                        | or Replacement                    |   |                         |  |   |
| Name of<br>Component                                    | Name of<br>Manufacturer                     | Manufacturer<br>Serial No.<br>Medel       | National<br>Board<br>No.          | Other<br>Identification<br>LOCATION               | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER<br>PI-247                                       | BASIC                                       | 1.5×5                                     |                                   | 1-CCH-349   | 1                       | REPLACED                                 | No  |
| SNUBBER<br>PI-238                                       | BASIC<br>ENGINEER                           | 1,5×5                                     |                                   | 1-CCH-349   |                         | REPLACEMENT                              | 800                                       |
|   |   |   |                                   |   |                         |  |   |
|   |   |   |                                   |   |                         |  |   |
| 7. Description of Wo                                    | ork REPLACED S                              | NUBGER WY                                 | TH REFURB                         | ISHED SNUBBE                                      | R                       |  |   |
| 8. Tests Conducted:                                     | Hydrostatic V                               | Pneumatic N                               | ominal Operatir<br>i Test Temp    | ng Pressure 🗌<br>F                                |                         |  |   |
| NOTE: Supplem<br>tion in items 1 t<br>recorded at the t | through 6 on this repe                      | of lists, sketches,<br>ort is included on | or drawings ma<br>each sheet, and | y be used, provided (1<br>d (3) each sheet is nur | ) size is 8<br>mbered a | ½ in. x 11 in., (2)<br>nd the number of  | informa-<br>sheets is                     |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

(12/82)

| P. Remarks FUNCTIONALLY TESTED PER ASME OM-41  | N ACCORDANCE WITH PLANT  |
|--|--|
| Applicable Manufacturer's Data Re  |  |
| PROCEDURE D45.2  |  |
|  |  |
|  |  |
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| CERTIFICATE OF COMPLIAN  | VCE  |
| We certify that the statements made in the report are correct and th   | is conforms to the rules of the  |
| We certify that the statements made in the report are correct and the ASME Code, Section X1.                     | repair e replacement   |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |  |
|  |  |
| Type Code Symbol Stamp   |  |
|  |  |
| Certificate of Authorization No. N/A Expire  | ation Date NA  |
|  |  |
| Signed R.B. Willes, ASME PROGRAM ENGR.   | 1-0-01   |
| Owner or Owner's Designee, Title   | Jate   |
|  |  |
|  |  |
| CERTIFICATE OF INSERVICE IN  |  |
| I, the undersigned, holding a valid commission issued by the National Board of                                   | f Boiler and Pressure Vessel Inspectors and the State                  |
| or Province of 1/1/1/23/74 and employed by 7/3/8 1 4   | <u>2 Co.</u> of  |
| or Province of Minnesota and employed by HSB I+2  Hertford, CT  in this Owner's Report during the period 2/10/01 | have inspected the components described                                |
| in this Owner's Report during the period \( \sqrt{10/0} \)   | to 2/10/01 and state that  |
| to the best of my knowledge and belief, the Owner has performed examinat   | ions and taken corrective measures described in this                   |
| Owner's Report in accordance with the requirements of the ASME Code, Section 2015                                | ion XI.  |
| By signing this certificate neither the Inspector nor his employer makes a                                       | any warranty expressed or implied concerning the                       |
| examinations and corrective measures described in this Owner's Report. Ft  |  |
| 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.  | Total of Grand Williams  |
|  |  |
| Commissions N  | 211872 ANT mal 265   |
| Inspector's Signature Commissions Na   | 3/1872 ANI, MN 395<br>Itional Board, State, Province, and Endorsements |
|  | , - , - , - , - , - , - , - , - , - , -                                |
| an 2/11/a  |  |
| Date   |  |
|  |  |

| I. Owner <u>North</u>  | ern States F<br>Name   | ower/Xce                                      | 1 Energy                         | Date <u>2/8/01</u>                               |                         | · ·                                      |                           |
|------------------------|--|---|----------------------------------|--|-------------------------|--|---------------------------|
| 1 <u>717 Wakon</u>     | ade Dr. E. Address   | Welch, MN                                     | <u>550</u> 89                    | Sheetof.   |                         |  |                           |
| 2. Plant <u>Prairi</u> |  |   | <del></del>                      | Unit   |                         |  |                           |
| C.                     | Name   |   |                                  | 100, 00070°                                      | 7/                      |  |                           |
| Same_                  | Address  |   |                                  |  |                         |  |                           |
| 3. Work Performed b    | y Owner  |   |                                  | Type Code Symbol S                               |                         | NA                                       |                           |
|                        |  | Name  |                                  | Authorization No                                 |                         | NIA<br>NIA                               |                           |
| SAME                   | Address  |   | <del></del>                      | Expiration Date                                  |                         | 47                                       |                           |
| 4. Identification of S |  |   |                                  |  |                         |  |                           |
|                        |  |   |                                  |  |                         |  |                           |
| 5. (a) Applicable Co   | enstruction Code ANS   | r <b>B31.1</b> 19                             | 67 Edition,                      | Ac   | denda,                  |  | Code Case                 |
| (b) Applicable Ed      | lition of Section XI Uti                                       | lized for Repairs                             | or Replacement                   | s 19 <u>84</u>                                   | •                       |  |                           |
|                        |  |   |                                  |  |                         |  |                           |
| 6. Identification of ( | Components Repaired o  | or Replaced and H                             | replacement Co                   | mponents   |                         |  |                           |
|                        |  |   |                                  |  |                         |  | ASME<br>Code              |
| Name of<br>Component   | Name of<br>Manufacturer  | Manufacturer<br><del>Serial</del> No.<br>かのだし | National<br>Board<br>No.         | Other Identification LOCATION                    | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | Stamped<br>(Yes<br>or No) |
| SNUBBER                | EASIC  | 1.5×5   |                                  | 1-CCH-350  |                         | REPLACED                                 | No                        |
| PI-195                 | ENGINEER   | 1.500   | <u> </u>                         |  |                         |  | 1                         |
| SNUBBER<br>PI-418      | BASIC  | 1,5×5   |                                  | 1-CCH-350  |                         | REPLACEMENT                              | No                        |
|                        |  |   |                                  |  |                         |  |                           |
|                        |  |   |                                  |  |                         |  |                           |
|                        |  |   |                                  |  |                         |  |                           |
| 7. Description of W    | ork REPLACED S   | snubber w                                     | ITH REFU                         | RBISHED SNUB                                     | BER                     |  |                           |
| 8. Tests Conducted     | : Hydrostatic F  | neumatic N                                    | lominal Operati<br>ii Test Temp. | ng Pressure° F                                   |                         |  |                           |
| tion in items 1        | mental sheets in form through 6 on this reportoo of this form. | of lists, sketches,<br>ort is included on     | or drawings ma<br>each sheet, an | y be used, provided (1<br>d (3) each sheet is nu | ) size is 8<br>mbered a | % in. x 11 in., (2) and the number o     | informa-<br>f sheets is   |

| Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT   |
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| Applicable Manufacturer's Data Reports to be attached  |
| PROCEDURE 045.2  |
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| CERTIFICATE OF COMPLIANCE  |
| We certify that the statements made in the report are correct and thisconforms to the rules of the                                 |
| ASME Code, Section XI.   |
|  |
| ,  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
|  |
| Signed R. B. William, ASME PROGRAM ENGR. Date 2-8-01   |
| 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 HSB I & I & G. have inspected the components described                                    |
| in this Owner's Report during the period 2/10/01 to 2/10/01, and state tha   |
| in this Owner's Report during the period 2/10/01 to 2/10/01 , and state tha  |
| 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 th         |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe          |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi  |
| inspection.  |
|  |
| Commissions NB 1/872 ANT MN39-   |
| Inspector's Signature  Commissions NB 11872 ANT, MN395  National Board, State, Province, and Endorsements                          |
|  |
| Date 2/10/01 10  |
| N  |

| 1 <u>717 Wakon</u> a | rn States I<br>Name<br>ade Dr. E,<br>Address | Welch, MN                                       | <u> 550</u> 89                        | Sheetof_                                |               |  |  |
|----------------------|--|---|---------------------------------------|---|---------------|--|--|
| Plant Prairie        |  |   |                                       | Unit                                    |               |  |  |
| Same                 | Address                                      |   |                                       | WO. 000709<br>Repair Organi             | zation P.     | O. No., Job No., e                       | tc.                                      |
| Work Performed by    | , Owner                                      | Name  | · · · · · · · · · · · · · · · · · · · | Type Code Symbol S<br>Authorization No. | ^             | IA                                       |  |
| SAME                 | Address                                      |   | <del>-</del>                          | Expiration Date                         | N             | /A                                       |  |
| (b) Applicable Edi   |  | lized for Repairs                               | 67 Edition,<br>or Replacements        | Ad                                      | denda,        |  | Code Ca                                  |
| Name of<br>Component | Name of<br>Manufacturer                      | Manufacturer<br><del>Sorial</del> No.<br>Mc OCL | National<br>Board<br>No.              | Other<br>Identification<br>LocAT1รณ์    | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stampe<br>(Yes<br>or No) |
| SNUBBER<br>PI-552    | BASIC  | 5.45  |                                       | 1-msH-69A                               |               | REPLACED                                 | No                                       |
| SNUBBER<br>PI-360    | BASIC<br>ENGINEER                            | 5×5   |                                       | 1-MSH-69A                               |               | REPLACEMENT                              | No                                       |
|                      |  |   |                                       |   |               |  |  |
| 7. Description of Wo | rk_PEPLACED S                                | NOBBER WI                                       | TH REFUEL                             | BISHED SNUBBE                           | P_            |  |  |
| 3. Tests Conducted:  | Hydrostatic F                                | neumatic N                                      | ominal Operatir                       | ng Pressure                             |               |  |  |

| Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH PLANT   |             |
|--|-------------|
| Applicable Manufacturer's Data Reports to be attached  |             |
| PROCEDURE D45.2  |             |
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| CERTIFICATE OF COMPLIANCE  |             |
| We certify that the statements made in the report are correct and this   | he          |
| We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.     | 10          |
|  |             |
|  |             |
| Type Code Symbol Stamp   |             |
|  |             |
| Certificate of Authorization No. N/A Expiration Date N/A   |             |
|  |             |
| Signed P.B. Will ASME PROGRAM ENGR. Date 2-8-01  |             |
| Owner or Owner's Designee, Title   | <del></del> |
|  |             |
|  |             |
| CERTIFICATE OF INSERVICE INSPECTION  |             |
| 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the S | tate        |
| or Province of Minnesota and employed by HSB I + I Co.   | _of         |
| in this Owner's Report during the period 2/10/61 have inspected the components description to 2/10/01, and state               | bed         |
| in this Owner's Report during the period 2/10/61 to 2/10/01 , and state  | that        |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in        |             |
| 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 employees    |             |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with  | thic        |
| inspection.  | 11113       |
|  |             |
| (2)  |             |
| Commissions N/R 11872 HNT MAN 200  |             |
| Commissions NB 11872 ANT, MN 395 Inspector's Signature  Commissions National Board, State, Province, and Endorsement           |             |
| Commissions N3 11872 ANI, MN 395 Inspector's Signature National Board, State, Province, and Endorsement                        |             |
| Inspector's Signature  Commissions NB 11872 ANT, MN 395  National Board, State, Province, and Endorsement  Date 2/10/01        | <del></del> |

| 1 <u>717 Wakor</u>     | nade Dr. E.  | Welch, MN                           | <u> 550</u> 89           | Date 2/8/01 Sheet                    |               |  |   |
|------------------------|--|-------------------------------------|--------------------------|--------------------------------------|---------------|--|---|
| 2. Plant <u>Prairi</u> | <u>ie Island</u>   |                                     |                          | Unit                                 |               |  |   |
|                        | Name   |                                     |                          | WO. 000707                           | · C.          |  |   |
| Same                   | Address  |                                     |                          | Repair Organ                         | ization P.    | O. No., Job No.,                         | etc.                                      |
|                        |  |                                     |                          | Type Code Symbol S                   |               |  |   |
| 3. Work Performed      | <sub>by Owner</sub>  | Name                                |                          | Type Code Symbol 8 Authorization No. | stamp         | 4/4                                      |   |
|                        |  |                                     |                          | Expiration Date                      |               | 1/4                                      | ···                                       |
| SAME                   | Address  |                                     |                          | Expiration Date                      |               | 0777                                     |   |
| 4. Identification of   |  |                                     |                          |                                      |               |  |   |
| (b) Applicable E       | onstruction Code ANS<br>dition of Section XI Ut<br>Components Repaired | ilized for Repairs                  | or Replacement           | s 19 <u>H9</u>                       | ddenda,       |  | Code Case                                 |
| Name of<br>Component   | Name of<br>Manufacturer  | Manufacturer<br>Social No.<br>Medel | National<br>Board<br>No. | Other<br>Identification<br>LOCATION  | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER-<br>PI-57      | EASIC<br>ENGINEER  | 1,5×5                               |                          | i-SIRH-11                            | `             | REPLACED                                 | No  |
| SNUBBER<br>PI-104      | BASIC<br>ENGINEER  | 1.5×5                               |                          | 1-SIRH-11                            | _             | replacement                              | NO  |
|                        |  |                                     |                          |                                      |               |  |   |
|                        | Vork (LEPLACE) S   | Pneumatic N                         | ominal Operatii          | ng Pressure                          | R             | <u></u>                                  |   |
| o, rests conducted     | Other Pressure   | ps                                  | i Test Temp.             | °F                                   |               |  |   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| . Remarks FUNCTIONALLY TESTÉD PER ASME OM-4 IN ACCORDANCE I  | WITH PLANT                      |
|--|---------------------------------|
| Applicable Manufacturer's Data Reports to be attached  |                                 |
| PROCEDURE D45.2  |                                 |
|  |                                 |
|  |                                 |
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|  |                                 |
|  |                                 |
|  |                                 |
|  |                                 |
| CERTIFICATE OF COMPLIANCE  |                                 |
| We certify that the statements made in the report are correct and this   | conforms to the rules of the    |
| ASME Code, Section XI.   | conforms to the rules of the    |
|  |                                 |
| ,  |                                 |
| Type Code Symbol StampNA   |                                 |
|  |                                 |
| Certificate of Authorization No. N/A Expiration Date N/A   |                                 |
|  |                                 |
| Signed R.B. Willia ASME PROGRAM ENGR. Date 2-8-0   | 1                               |
| Owner or Owner's Designee, Title   | ,0                              |
|  |                                 |
| 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 Minnesuts and employed by HSB I+I Co.   | of                              |
| Hartfurd, CT have inspected  | d the components described      |
| Hartfurd, CT have inspecte in this Owner's Report during the period 2/10/01 to 2/10/01                               | and state the                   |
| to the best of my knowledge and belief, the Owner has performed examinations and taken correct                       | tive measures described in this |
| Owner's Report in accordance with the requirements of the ASME Code, Section XI.                                     | tive measures described in this |
|  |                                 |
| By signing this certificate neither the Inspector nor his employer makes any warranty, express                       | ed or implied, concerning the   |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither to                       | ne Inspector nor his employe    |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arisin<br>inspection, | ng from or connected with this  |
| inspection.  |                                 |
| 1/2 11072 1111   | = 20/ 20-                       |
| Commissions NB 11872 AND National Board, State, P  | L MIN 393                       |
| Mational Board, State, F   | rovince, and endorsements       |
| 2/10/21  |                                 |
| Date   |                                 |
|  |                                 |

|  |  | D /V                                      | 1 77                              | 2/0/01   |                           |   |                                 |
|--|--|---|-----------------------------------|--|---------------------------|---|---------------------------------|
| 1. Owner <u>Northe</u>                                     | <u>rn States</u><br>Name                 | Power/Ace                                 | <u>l Ene</u> rg)                  | Date   |                           |   |                                 |
| 1 <u>717 Wakona</u>  | ide Dr. E.                               | Welch, M                                  | <u>1 550</u> 89                   | Sheeto   | f                         |   |                                 |
| 2. Plant <u>Prairi</u> e                                   |  |   |                                   | Unit/  |                           |   | <del></del>                     |
| 2. Fidit 11011   | Name                                     |   | <del></del>                       |  |                           |   |                                 |
| Same   |  |   | - <del></del>                     | No. 00070  | 81                        |   | <del></del>                     |
|  | Address                                  |   |                                   |  |                           | ,                                       | tc.                             |
| 3. Work Performed by                                       | Owner                                    | Name                                      |                                   | Type Code Symbol                                 | Stamp                     | NA                                      |                                 |
|  |  | Name                                      |                                   | Authorization No.                                |                           | N/A                                     |                                 |
| SAME   | Address                                  |   |                                   | Expiration Date                                  |                           | 70 77.                                  |                                 |
|  |  |   |                                   |  |                           |   |                                 |
| 4. Identification of Sy                                    | stem_S_L                                 |   |                                   |  |                           |   |                                 |
| 5. (a) Applicable Con                                      | ANS Code ANS                             | I B31.1 19                                | 67 Edition                        | A  | ddenda.                   |   | Code Case                       |
| 5. (a) Applicable Con                                      | ion of Section XI Ut                     | ilized for Renairs                        | or Replacement                    | s 19 87  |                           |   |                                 |
| (b) Applicable cure  | ion or section XI of                     | illed for fropers                         |                                   |  |                           |   |                                 |
| 6. Identification of Co                                    | omponents Repaired                       | or Replaced and F                         | Replacement Co                    | mponents   |                           |   |                                 |
| 0. 100   |  |   |                                   |  |                           |   |                                 |
|  | Newsof                                   | Manufacturer                              | National<br>Board                 | Other  | Year                      | Repaired,<br>Replaced,                  | ASME<br>Code<br>Stamped<br>(Yes |
| Name of<br>Component                                       | Name of<br>Manufacturer                  | Serial No.                                | No.                               | Identification                                   | Built                     | or Replacement                          | or No)                          |
| SNUBBER  | BASIC                                    |   |                                   |  |                           | STR MED                                 | . ` ` `                         |
| PI-291   | ENGINEER                                 | 1.5×5                                     |                                   | 1-SIRH-9   |                           | REPLACED                                | NO                              |
| SNUBBER<br>PI-197  | BASIC                                    | 1.5×5                                     |                                   | 1-SIRH-9   |                           | REPLATIMENT                             | 100                             |
|  | 2,437,1400.1                             |   |                                   |  |                           |   |                                 |
|  |  |   |                                   |  |                           |   |                                 |
|  |  |   |                                   |  |                           |   |                                 |
|  |  | <u></u>                                   |                                   |  | 1                         |   | <u>t</u>                        |
| 7. Description of Wor                                      | k PEPLACED "                             | snubber n                                 | 11TH REFUG                        | ebished sau                                      | BBER                      |   |                                 |
| 8. Tests Conducted:  | Hydrostatic F<br>Other <b>X</b> Pressure | Pneumatic N                               | ominal Operatir                   | ng Pressure°F                                    |                           |   |                                 |
|  | ( <u>IR</u> )                            |   |                                   |  |                           |   |                                 |
| NOTE: Suppleme<br>tion in items 1 th<br>recorded at the to | rough 6 on this repo                     | of lists, sketches,<br>ort is included on | or drawings ma<br>each sheet, and | y be used, provided (1<br>d (3) each sheet is nu | l) size is 8<br>imbered a | ½ in. x 11 in., (2)<br>nd the number of | informa-<br>sheets is           |
| recorded at the to   | p or time rollin.                        |   |                                   |  |                           |   |                                 |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| Remarks POINCTIONALLY 163               | Applicable Manufacturer's Data Reports to be attached   |
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| PLANT PROCEDURE D45.2                   |   |
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|   | CERTIFICATE OF COMPLIANCE   |
| We certify that the statements          | mode in the connect are accused and the   |
| ASME Code, Section XI.                  | made in the report are correct and thisconforms to the rules of the repair or r |
|   |   |
|   |   |
| ype Code Symbol Stamp                   | <u>′a</u>   |
|   |   |
| ertificate of Authorization No          | Expiration Date NA  |
|   |   |
| igned R.B. William, ASME                | PROGRAM ENER. Date 2-8-01   |
| Owner or Owner's Designee, Ti           | itle Date   |
|   |   |
|   | CERTIFICATE OF INSERVICE INSPECTION   |
| the undersigned, holding a valid commi  | ission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat   |
| r Province of ////14cSata               | and employed by HSB F+T C   |
| Hartford, CT                            | have inspected the components describe to 2/10/01, and state the  |
| this Owner's Report during the perio    | od 2/10/01 to 2/10/0/ and state the   |
| the best of my knowledge and belief.    | , the Owner has performed examinations and taken corrective measures described in th  |
| wner's Report in accordance with the re | equirements of the ASME Code, Section XI.   |
|   | e Inspector nor his employer makes any warranty, expressed or implied, concerning th  |
| caminations and corrective measures d   | described in this Owner's Report. Furthermore, neither the Inspector nor his employe  |
| all be liable in any manner for any per | rsonal injury or property damage or a loss of any kind arising from or connected with th  |
| spection.                               | The standard of a loss of any kind arising from or connected with the   |
|   |   |
| LECK                                    | Commissions NS 11877 AA/T MN 395  |
| Inspector's Signature                   | Commissions NB 11872 ANT, MN395  National Board, State, Province, and Endorsements  |
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| ,                                       |   |
| pate_2/10/01 20                         | r   |

| <u></u>   |  |  |                                  |  |                         |   |   |
|---|--|--|----------------------------------|--|-------------------------|---|---|
| 1. Owner <u>Northe</u> 1                              | rn States P  | ower/Xce                               | <u>l Ene</u> rgy                 | Date 2/5/01                                      |                         | <u> </u>                                  |   |
| 1 <u>717 Wakona</u>                                   | de Dr. E. W  | elch, MN                               | <u>550</u> 89                    | Sheetof_   |                         |   |   |
| 2. Plant Prairie                                      |  |  | <del></del>                      | Unit   | ·-·                     |   |   |
| a   |  |  |                                  | WO. 00070  | 95                      |   |   |
| Same  | Address  |  |                                  | Repair Organi                                    | zation P.               | O. No., Job No., e                        | tc.                                       |
| 3. Work Performed by                                  | Owner  |  | <del></del>                      | Type Code Symbol S                               |                         |   |   |
| o. 1101K 1 01101 02 27                                | ,  | lame                                   |                                  | Authorization No                                 |                         |   |   |
|   |  |  |                                  | Expiration Date                                  |                         |   |   |
|   | Address  |  |                                  |  |                         |   |   |
| 4. Identification of Sys                              |  |  |                                  |  |                         |   |   |
| 5. (a) Applicable Cons<br>(b) Applicable Editi        | struction Code <u>ANS</u><br>ion of Section XI Utili | Zed for Repairs                        | 67 Edition,<br>or Replacement    | Ad<br>s 19_89                                    | denda,                  |   | Code Case                                 |
| 6. Identification of Co                               |  |  |                                  |  |                         |   |   |
| Name of<br>Component                                  | Name of<br>Manufacturer                              | Manufacturer Serial No. Mo DEL         | National<br>Board<br>No.         | Other<br>Identification                          | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement  | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUCBER<br>PI-567                                     | ITT-GRINGELL   | 4×5                                    |                                  | 1-RCRH-48B                                       |                         | REPLACED                                  | No  |
| SNUBBER<br>PI-7924                                    | ITT-GRINNELL   | 4×5                                    |                                  | 1-RCRH-48B                                       | _                       | REPLACEMENT                               | No  |
| 11-1101   |  |  |                                  |  |                         |   |   |
|   |  |  |                                  |  |                         |   |   |
|   |  |  |                                  |  |                         |   |   |
| 7 Description of Wor                                  | k REPLACED S   | NUBBER V                               | UTH REF                          | EURBISHED SN                                     | VBBE                    | P   |   |
|   |  |  |                                  |  |                         |   |   |
| 8. Tests Conducted:                                   | Hydrostatic Pr<br>Other Pressure_                    | neumatic N                             | ominal Operati<br>i Test Temp.   | ng Pressure° =                                   |                         |   |   |
| NOTE: Supplemention in items 1 the recorded at the to | rrough 6 on this repor                               | f lists, sketches,<br>t is included on | or drawings ma<br>each sheet, an | y be used, provided (1<br>d (3) each sheet is nu | ) size is 8<br>mbered a | 3½ in. × 11 in., (2)<br>and the number of | informa-<br>sheets is                     |
| (12/82)   | This Form (E000                                      | 30) may be obta                        | ined from the C                  | Order Dept., ASME, 34                            | 5 E. 47th               | St., New York, N                          | Y. 10017                                  |

| 9. Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH  |
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| Applicable Manufacturer's Data Reports to be attached  |
| PLANT PROCEDURE D45.2.   |
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| CERTIFICATE OF COMPLIANCE  |
| We certify that the statements made in the report are correct and this conforms to the rules of the                                |
| ASME Code, Section XI.   |
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|  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No. NA Expiration Date NA   |
|  |
| Signed R.B. William ASME PROGRAM ENGR. Date 2-5-01   |
| 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 HSB I 4 I Co.   |
| or Province of Minesota and employed by HSB I 4 I Co.  have inspected the components described                                     |
| in this Owner's Report during the period 2/7/01 to 2/7/01 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.  |
|  |
| Commissions NB 11872 A, NF MN 395  Inspector's Signature Commissions National Board, State, Province, and Endorsements             |
| Inspector's Signature National Board, State, Province, and Endorsements  |
|  |
| Date   |
|  |

| 1. Owner Northe                         | orn States   | Power/Xce           | 1 Energy          | Date 2/5/01                                      |             |  |              |
|---|--|---------------------|-------------------|--|-------------|--|--------------|
| i. Owner HOT CHE                        | Name   |                     |                   |  |             | •  |              |
| 1 <u>717 Wakon</u> a                    | ade Dr. E.   | Welch, MM           | <u> 550</u> 89    | Sheet / of                                       | /           |  |              |
| 2. Plant Prairie                        | e Island   |                     |                   | Unit /   |             |  |              |
| 2, Flain                                | Name   |                     | <del></del>       |  |             |  |              |
| Same                                    | Address  |                     | - <del></del>     | <i>Wo. 0007.09</i> Repair Organ                  | 0           |  |              |
|   | Address  |                     |                   | Repair Organ                                     | ization P.  | O. No., Job No., 6                       | etc.         |
| 3. Work Performed by                    | <u>Owner</u>   | Name                |                   | Type Code Symbol S                               |             |  |              |
|   |  | Name                |                   | Authorization No                                 |             |  |              |
|   | Address  |                     | <del></del>       | Expiration Date                                  |             |  |              |
|   |  |                     |                   |  |             |  |              |
| 4. Identification of Sy                 | ystem_ <del>SB</del>                                 |                     |                   |  |             |  |              |
| 5. (a) Applicable Cor                   | ٨٨١٥   | T B31 1 10          | (a) Edition       | Δα   | idenda      |  | Code Case    |
| 5. (a) Applicable Cor                   | nstruction Code <u>FNOS</u><br>tion of Section XI Ut | L DN.1 19.          | or Penissement    |  | idenda,_    |  | ,0000 0000   |
| (b) Applicable Edi                      | tion of Section XI Ut                                | ilized for Nepalis  | or replacement    | 3.0 <u>-v-</u>                                   |             |  |              |
| 6. Identification of C                  | ampanante Renaired                                   | or Replaced and F   | Replacement Co    | mponents   |             |  |              |
| b. Identification of C                  | Omponents repaired                                   | or replaced and r   |                   |  |             |  |              |
|   |  |                     |                   |  |             |  | 4 6 1 4 5    |
|   |  |                     |                   |  |             | 1  | ASME<br>Code |
|   |  |                     | National          |  |             | Repaired,                                | Stamped      |
| Name of                                 | Name of  | Manufacturer        | Board             | Other  | Year        | Replaced,                                | (Yes         |
| Component                               | Manufacturer   | Seriel No.          | No.               | Identification                                   | Built       | or Replacement                           | or No)       |
|   |  | MODEL               |                   | LOCATION   |             |  |              |
| SNUBBER                                 | BASIC  |                     |                   |  |             |  |              |
| 1                                       | ENGINEER   | .75×5               |                   | 1-RBDH-600                                       |             | REPLACED                                 | No           |
| PI-195<br>SNUBBER                       | BASIC  |                     |                   |  |             | 5-5-4-5-A-5-A-5-A-5-A-5-A-5-A-5-A-5-A-5- |              |
| PI-156                                  | ENGINEER   | 075x5               |                   | 1-12BDH-600                                      |             | REPLACEMENT                              | NO           |
| PT-136                                  | E. CONSCE  |                     |                   |  |             |  | ł            |
|   |  |                     |                   |  |             |  |              |
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|   |  | <u> </u>            | <u> </u>          |  | L           |  | <u> </u>     |
| •                                       |  | _                   |                   | - 0  |             | T.A                                      |              |
| 7. Description of Wo                    | ork REPLACED   | SNUBBER             | WITH RE           | FURBISHED 5                                      | NOBRA       | <u> </u>                                 |              |
|   |  |                     |                   |  |             |  |              |
| 8. Tests Conducted:                     | Hydrostatic ☐ F<br>Other ☑ Pressure                  | neumatic N          | lominal Operatii  | ng Pressure [                                    |             |  |              |
|   | Other Pressure                                       | ps                  | i Test Temp       | r  |             |  |              |
|   |  |                     |                   | who wood provided (1                             | l eize ic 0 | % in x 11 in (2)                         | informa-     |
| NOTE: Supplem                           | ental sheets in form                                 | of lists, sketches, | or grawings ma    | y be used, provided (1<br>d (3) each sheet is nu | nbered a    | nd the number of                         | sheets is    |
| recorded at the to                      | mough 6 on this rept<br>op of this form.             | A L 13 HICIOGEG ON  | Sacri Silver, and |  | _           |  |              |
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| Applicable Manufacturer's Data Reports to be attached PLANT PROCEDURE D45.2  |
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| CERTIFICATE OF COMPLIANCE  |
| We certify that the statements made in the report are correct and thisconforms to the rules of the                                 |
| ASME Code, Section XI.   |
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|  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
|  |
| Signed R. B. Willis, ASME PROSERM ENGR. Date 2-5-01  |
| 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 MINKSOTA and employed by HSB TAI Co.  |
| Hart ford CT have inspected the components described in this Owner's Report during the period 2/7/01 to 2/7/01, and state that     |
| in this Owner's Report during the period $\frac{2}{70}$ to $\frac{2}{70}$ 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.  |
|  |
| Commission NB 11872 ANT MON 395  |
| Inspector's Signature Commissions NB 11872 A, N, I MN 395  National Board, State, Province, and Endorsements                       |
|  |
| Date $\frac{2/7/0}{100}$ 198   |
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|                        |   |  |                                  | 11.   |                         |  |   |
|------------------------|---|--|----------------------------------|---|-------------------------|--|---|
| 1. Owner North         | <u>ern States F</u><br>Name   | Power/Xce                                      | 1 Energy                         | Date 2/5/01   |                         | <del></del>                              |   |
| 1 <u>717 Wakon</u>     | ade Dr. E.  | Welch, MN                                      | <u> 550</u> 89                   | Sheetof.  | _(_                     |  |   |
| 2. Plant <u>Prairi</u> | e Island  |  | <del></del>                      | Unit  |                         |  |   |
| Same                   |   |  |                                  | WO. 00070<br>Repair Organ   | 87                      | O No. Joh No. e                          |   |
|                        | Address   |  |                                  | Type Code Symbol S  |                         |  |   |
| 3. Work Performed b    | oy Owner  | Name   |                                  | Authorization No.   |                         |  |   |
|                        | Address   |  |                                  | Expiration Date   | -                       |  | <del></del>                               |
| 4. Identification of S |   |  |                                  |   |                         |  |   |
| (b) Applicable Ed      | onstruction Code ANS<br>dition of Section XI Uti<br>Components Repaired ( | lized for Repairs                              | or Replacement                   | ts 19 <u>89</u>   | idenda,                 | ·  | Code Case                                 |
| Name of<br>Component   | Name of<br>Manufacturer   | Manufacturer<br><del>Seriel</del> No.<br>mode( | National<br>Board<br>No.         | Other<br>Identification<br>LCCATION   | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER                | BASIC   | 2×5  |                                  | i-RCRH-16A  | _                       | REPLACED                                 | NO  |
| PI-394                 | ENGINEER  | -  |                                  |   |                         |  |   |
| Snubber<br>Pe-270      | BASIC<br>ENGINEER   | 2×5  |                                  | 1-RCRH-16A  |                         | REPLACEMENT                              | 100                                       |
|                        |   |  |                                  |   |                         |  |   |
|                        |   |  |                                  |   | -                       |  |   |
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| 7. Description of W    | ork REPLACED  | NORBUR V                                       | OITH KEP                         | OKBIZHED 3N   | VISOL                   |  |   |
| 8. Tests Conducted     | l: Hydrostatic F<br>Other X Pressure                                      | Pneumatic N                                    | lominal Operati<br>ij Test Temp. | ng Pressure  F  |                         |  |   |
| tion in items 1        | mental sheets in form through 6 on this report<br>top of this form.       | of lists, sketches,<br>ort is included on      | or drawings ma<br>each sheet, an | ay be used, provided (1<br>d (3) each sheet is nu   | ) size is 8<br>mbered a | ½ in. x 11 in., (2) and the number of    | informa-<br>f sheets is                   |
| (12/82)                | This Form (E000   | 030) may be obta                               | ined from the C                  | Order Dept., ASME, 34   | 5 E. 47th               | St., New York, N                         | I.Y. 10017                                |

| 9. | Remarks FUNCTIONALLY TESTED PER ASME OM-4 IN ACCORDANCE WITH   |
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|    | Applicable Manufacturer's Data Reports to be attached  |
|    | PLANT PROCEDURE D45.2.   |
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| ļ  | CERTIFICATE OF COMPLIANCE  |
|    | We certify that the statements made in the report are correct and thisconforms to the rules of the   |
| İ  | ASME Code, Section XI.   |
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|    | Type Code Symbol Stamp   |
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|    | Certificate of Authorization No. NA Expiration Date NA   |
|    |  |
|    | Signed R.B. Willia ASME PROGRAM ENGR. Date 2-5-01  |
|    | 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 HSB IAT Co  |
|    | or Province of Minnesota and employed by HSB I 4 I Co  |
|    | have inspected the components described in this Owner's Report during the period $\frac{2/7/01}{to \frac{2/7/01}{c}}$ , 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. |
|    | Inspection.  |
|    | Na 1472 A La 20122   |
|    | Inspector's Signature Commissions NB 11872 A, N, I MN 395  National Board, State, Province, and Endorsements                                   |
|    | reactional board, State, Province, and Endorsements  |
|    | 2/7/4  |
|    | Date   |
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| on P.O. No., Job No., etc. |
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| Applicable Manufacturer's Data Reports to be attached PLANT PROCEDURE D45.2  |
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| PLANT PROCEDURE DUS.2  |
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| CERTIFICATE OF COMPLIANCE  |
| We certify that the statements made in the report are correct and this conforms to the rules of the                                |
| We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.         |
|  |
| /.   |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
| Signed R.B. Willow ASME PROGRAM ENGR. Date 2-5-01  |
| Signed K. B. L. S. ASME PROGRAM ENGR. Date 2-5-01  |
| 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 HSB I II Co.  |
| Hartford, CT have inspected the components described in this Owner's Report during the period 2/7/01 to 2/7/01, and state that     |
| in this Owner's Report during the period $\frac{2}{70}$ to $\frac{2}{70}$ and state that   |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in thi        |
| Owner's Report in accordance with the requirements of the ASME Code, Section XI.   |
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| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe          |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi  |
| inspection.  |
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| Q C 1 1/2 1/272 1 1 T md 200   |
| Inspector's Signature Commissions NB 11872 ANIE MN 395  National Board, State, Province, and Endorsements                          |
| 1 /  |
| Date 2/7/ > 2/01/  |
| 0016 - 77  |

| 1 Owner Northe                                     | ern States I            | Power/Xce                                 | 1 Energy                         | y Date <u>45/01</u>                                |                         |  | <del>_</del>                              |
|--|-------------------------|---|----------------------------------|--|-------------------------|--|---|
|  |                         |   |                                  | Sheet/ of_   |                         |  |   |
|  |                         |   |                                  | Unit _ /   |                         |  |   |
| 2. Plant Prairi                                    | e Island<br>Name        |   | <del></del>                      | Unit   |                         |  |   |
| Same   |                         |   |                                  | Wo. 0007084  |                         |  |   |
| same   | Address                 |   |                                  | Repair Organi                                      | zation P.               | O. No., Job No., e                       | tc.                                       |
| 3. Work Performed by                               | y Owner                 |   |                                  | Type Code Symbol S                                 |                         |  |   |
|  |                         | Name                                      |                                  | Authorization No                                   |                         |  |   |
|  | Address                 |   | <del></del>                      | Expiration Date                                    |                         |  |   |
|  |                         |   |                                  |  |                         |  |   |
| 4. Identification of S                             | ystem_VNS               |   |                                  | · · · · · · · · · · · · · · · · · · ·              |                         |  |   |
| (b) Applicable Ed                                  | ition of Section XI Uti | lized for Repairs                         | or Replacemen                    |  | denda,                  |  | Code Case                                 |
| 6. Identification of C                             | Components Repaired o   | or Replaced and F                         | replacement oc                   | imponents  |                         |  |   |
| Name of<br>Component                               | Name of<br>Manufacturer | Manufacturer<br>Serial No.<br>Mc DEC      | National<br>Board<br>No.         | Other<br>Identification<br>LocAT ない                | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER  | BASIC                   | a.5×5                                     |                                  | 1-MSDH-26A   |                         | REPLACED                                 | NO  |
| R-499  | ENGINEER                | 4.0.0                                     |                                  |  |                         |  |   |
| SNUBBER  | BASIC                   | 2.5×5                                     | _                                | 1-MSDH-26A   |                         | REPLIKEMENT                              | NO  |
| PI-8   | ENGINEER                | Ø. 3. 3                                   |                                  |  |                         |  |   |
|  |                         |   |                                  |  |                         |  |   |
|  |                         |   |                                  |  |                         |  |   |
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|  |                         |   |                                  |  |                         |  |   |
|  |                         |   |                                  |  | L                       | 1  |   |
|  | . OCOLACED S            | NURRER                                    | THE DE DUN                       | BISHED SWUBER                                      |                         |  |   |
| 7. Description of W                                | ork icercaced 3         | MODISCH WI                                | H RETUR                          | J. 3(  |                         |  |   |
| 8. Tests Conducted:                                | : Hydrostatic           | Pneumatic N                               | Iominal Operat<br>si Test Temp.  | ing Pressure   ° F                                 |                         |  |   |
| NOTE: Suppler<br>tion in items 1 recorded at the t | through 6 on this repo  | of lists, sketches,<br>ort is included on | or drawings ma<br>each sheet, ar | ay be used, provided (1<br>nd (3) each sheet is nu | ) size is 8<br>mbered a | 3½ in. x 11 in., (2) and the number of   | informa-<br>f sheets is                   |
| (12/82)  | This Form (E00          | 030) may te obta                          | ined from the (                  | Order Dept., ASME, 34                              | 5 E. 47th               | St., New York, N                         | I.Y. 10017                                |

1. . .

953

| . Remarks FUNCTIONALLY TESTED PER ASME OM I IN ACCORDANCE WITH PLANT  |
|---|
| Applicable Manufacturer's Data Reports to be attached PRoCEDURE も45.2   |
|   |
|   |
|   |
|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and this conforms to the rules of the                               |
| ASME Code, Section XI.  |
|   |
| /.  |
| Type Code Symbol Stamp  |
|   |
| Certificate of Authorization No. N/A Expiration Date N/A  |
| Signed P.B. Williak ASME PROGRAM ENGR. Date 2-5-01  |
| Signed K.B. William ASME PROGRAM ENGR. Date 2-5-01  |
| 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 Stat |
| or Province of Minnes of and employed by HSB I 4 I Co.  Hart for d, CT  have inspected the components describe                    |
| have inspected the components describe  |
| in this Owner's Report during the period 2/7/01 10 2/7/01, and state that   |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in thi       |
| 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 th        |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe         |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with thi |
| inspection.   |
|   |
| Commissions NB 11872 ANT MN 395   |
| Inspector's Signature Commissions NB 11872 A.N.I. MN 395  National Board, State, Province, and Endorsements                       |
|   |
| Date  |
|   |

| 1. Owner Northe                                    | ern States ]  | Power/Xce                                       | <u>l Ene</u> rgy                 | /Date_2/5/01                                    |                           | · · · · · · · · · · · · · · · · · · ·    |   |
|--|---|---|----------------------------------|---|---------------------------|--|---|
| 1 <u>717 Wakon</u>                                 | ade Dr. E. Address  | Welch, MN                                       | <u> 550</u> 89                   | Sheet of  | - 1                       |  | <del></del>                               |
| 2. Plant <u>Prairi</u>                             |   |   |                                  | Unit  |                           |  |   |
| Same   |   |   |                                  | ως, coc7c7<br>Repair Organ                      | 8                         |  |   |
|  | Address   |   | <u></u>                          |   |                           |  |   |
| 3. Work Performed b                                | y Owner   | Name  |                                  | Type Code Symbol S                              |                           |  |   |
|  |   | Name  |                                  | Authorization No Expiration Date                |                           |  |   |
|  | Address   |   |                                  | Expiration Date                                 |                           |  | <del></del>                               |
| 4. Identification of S                             |   |   |                                  |   |                           |  |   |
| (b) Applicable Ed                                  | nstruction Code <u>ANS</u><br>ition of Section XI Ut<br>Components Repaired | ilized for Repairs                              | or Replacement                   | s 19 <u>87</u>                                  | ddenda,                   |  | Code Case                                 |
| Name of<br>Component                               | Name of<br>Manufacturer   | Manufacturer<br>S <del>eriel</del> No.<br>Mのマモト | National<br>Board<br>No.         | Other<br>Identification<br>LocATIoN             | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SNUBBER  | BASIC   | 1.5×5   |                                  | 1-SIRH-18                                       |                           | REPLACED                                 | 20  |
| PI-93  | ENGINEER  | 1.07.5  |                                  | 1-3112K 16                                      |                           |  | <u> </u>                                  |
| SNUBBER  | BASIC   | 1.5×5   | _                                | 1-SIRH-18                                       | -                         | REPLACEMENT                              | NO  |
| PI-433   | ENGINGER  |   |                                  |   |                           |  |   |
|  |   |   |                                  |   |                           |  |   |
|  |   |   |                                  |   |                           |  |   |
|  |   | <u> </u>  |                                  |   | <u> </u>                  |  | L   |
| 7. Description of W                                | ork REPLACED S  | NUBBER WI                                       | TH REFURI                        | 31 SHED SNUBB                                   | ER                        |  |   |
| 8. Tests Conducted                                 | : Hydrostatic   | Pneumatic N                                     | lominal Operati<br>ii Test Temp. | ng Pressure° F                                  |                           |  |   |
| NOTE: Suppler<br>tion in items 1 recorded at the t | nental sheets in form<br>through 6 on this rep<br>top of this form.         | of lists, sketches,<br>ort is included on       | or drawings ma<br>each sheet, an | y be used, provided (<br>d (3) each sheet is nu | 1) size is 8<br>umbered a | ½ in. x 11 in., (2)<br>and the number of | informa-<br>sheets is                     |
| (12/82)  | This Form (E00  | 030) may be obta                                | ined from the C                  | Order Dept., ASME, 34                           | 45 E. 47th                | St., New York, N                         | Y. 10017                                  |

|   | PER ASMIL OM-9 IN ACCORDANCE WITH PLANT  |
|---|--|
| PROCEDURE D45,2   | applicable Manufacturer's Data Reports to be attached  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   | CERTIFICATE OF COMPLIANCE  |
| We certify that the statements mad  | CERTIFICATE OF COMPLIANCE  de in the report are correct and this conforms to the rules of the    |
| ASME Code, Section XI.  | te in the report are correct and thisconforms to the rules of the repair or replacement          |
| ,   |  |
|   |  |
| Type Code Symbol Stamp  | 1  |
|   |  |
| Certificate of Authorization No   | Expiration Date NA   |
|   | Expiration Date  |
| Signed R.B.Williams Asme  | PEDGRAM ENGR. Date 2-5-01  |
| Owner or Owner's Designee, Title  | Date 2-3-0/  |
|   |  |
| CE  | ERTIFICATE OF INSERVICE INSPECTION   |
| , the undersigned, holding a valid commission   | n issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat             |
| or Province of Minnesota and  | demployed by HSB I+I Co  |
| Hartford, CT  | 0  |
| n this Owner's Report during the period   | have inspected the components described to $\frac{2}{7}/01$ to $\frac{2}{7}/01$ , and state that |
| o the best of my knowledge and belief the   | Owner has performed as it is it.   |
| Owner's Report in accordance with the requir  | Owner has performed examinations and taken corrective measures described in this                 |
| By signing this costificate sold as the   | ements of the ASME Code, Section XI.   |
| vaminations and are at the instruction and are at the instructions and are at the instruction and are | pector nor his employer makes any warranty, expressed or implied, concerning th                  |
| xaminations and corrective measures descri  | bed in this Owner's Report, Furthermore neither the Inspector nor his ampleus                    |
| nambe hable in any manner for any persona   | l injury or property damage or a loss of any kind arising from or connected with thi             |
| nspection.  |  |
| 1011  | 1/0  |
| 1 7 0   | Commissions NB 11872 ANT MN 395  National Board, State, Province, and Endorsements               |
| Inspector's Signature   |  |
| Inspector's Signature   | National Board, State, Province, and Endorsements  |
| Inspector's Signature  Oate   |  |

| 1. Owner <u>North</u>  | ern States I<br>Name   | Power/Xce                                 | <u>l Ene</u> rgy                 | / Date <u>2/5/0  </u>                               |                          |  |   |
|------------------------|--|---|----------------------------------|---|--------------------------|--|---|
|                        | ade Dr. E.   |   |                                  | 4   |                          |  |   |
| 2. Plant <u>Prairi</u> |  |   |                                  |   | <del> </del>             |  |   |
| Same                   | Address  |   |                                  | WO 000706<br>Repair Organ                           | S<br>ization P.          | O. No., Job No., e                       | tc.                                       |
| 3. Work Performed b    | y Owner  | Name                                      |                                  | Type Code Symbol S Authorization No Expiration Date |                          |  |   |
| 4. Identification of S | Address<br>System_RC   |   |                                  |   |                          |  |   |
| (b) Applicable Ed      | onstruction Code ANS<br>lition of Section XI Ut<br>Components Repaired | ilized for Repairs o                      | or Replacement                   | ts 19 <u>V1</u>                                     | ddenda,                  |  | Code Case                                 |
| Name of<br>Component   | Name of<br>Manufacturer  | Manufacturer<br>Serial No.                | National<br>Board<br>No.         | Other<br>Identification                             | Year<br>Built            | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| SHUBBER                | BASIC<br>ENGINEER  | 1.5×10                                    |                                  | 1-RCRH-19   | _                        | REPLACED                                 | No  |
| SNUGBER<br>PE-ZIQ      | BASIC<br>ENGINEER  | 1.5×16                                    |                                  | 1-RCRH-19   | _                        | REPLACEMENT                              | , No                                      |
|                        |  |   |                                  |   |                          |  |   |
|                        |  |   |                                  |   |                          |  |   |
| 7. Description of W    | ork REPLACE  | ) snubber                                 | 2 WITH G                         | LEFURBISHED   | SNUBB                    | SER                                      |   |
| 8. Tests Conducted     | : Hydrostatic I  | Pneumatic N                               | ominal Operati<br>i Test Temp.   | ng Pressure° F                                      |                          |  |   |
| tion in items 1        | mental sheets in form<br>through 6 on this repe<br>top of this form.   | of lists, sketches,<br>ort is included on | or drawings ma<br>each sheet, an | ay be used, provided (1<br>d (3) each sheet is nu   | ) size is 8<br>imbered a | % in. x 11 in., (2)<br>nd the number of  | informa-<br>sheets is                     |
| (12/82)                | This Form (E00   | 030) may be obtai                         | ned from the (                   | Order Dept., ASME, 34                               | 15 E, 47th               | St., New York, N                         | .Y. 10017                                 |

| 9. Remarks FUNCTIONALLY TESTED DER ASME OM-4 IN ACCORDANCE WITH  |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
| PLANT PROCEDURE D45.2  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| CERTIFICATE OF COMPLIANCE  |
| CERTIFICATE OF COMPLIANCE  |
| We certify that the statements made in the report are correct and thisconforms to the rules of the ASME Code, Section XI.  |
| Asivie Code, Section XI.   |
|  |
|  |
| Type Code Symbol Stamp   |
| ./2  |
| Certificate of Authorization No. NA Expiration Date NA   |
| 211/20   |
| Signed R.B. William ASME PROGRAM ENGR. Date 3-5-01   |
| 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 $MARSOTA$ and employed by $HSRIFL$ $R$  |
| or Province of Minesota and employed by HSB I+I lu. of have inspected the components described in this Owner's Report during the period 2/7/01 to 2/7/01, and state that   |
| in this Owner's Report during the arrival 2/2/4/   |
| to the best of the |
| 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   |
|  |
| Commissions NB 1/872 ANI MN 395  |
| Commissions NB 11872 A.N.I., MN 395  Inspector's Signature Commissions National Board, State, Province, and Endorsements   |
|  |
| Date $\frac{2}{\sqrt{7}}$  |
|  |

| 1 <u>717 Wakon</u><br>2. Plant <u>Prairi</u> | ade Dr. E. Address e Island                           | Welch, MN                  | <u>550</u> 89            | Unit N/A                           |               |  |   |
|--|---|----------------------------|--------------------------|------------------------------------|---------------|--|---|
|  | 140   |                            |                          | WO, 00041                          | 267           |  |   |
| Same   | Address   |                            | <del></del>              | Repair Organ                       | ization P.    | O. No., Job No., e                       | ntc.                                      |
| 3. Work Performed b                          | Owner   |                            |                          | Type Code Symbol S                 | Stamp         | N/A                                      |   |
| 3. Work Performed b                          | y   | Name                       |                          | Authorization No                   |               | VIA                                      |   |
| SAME   |   |                            |                          | Expiration Date                    |               | NA                                       |   |
| Shire  | Address   |                            |                          |                                    |               |  |   |
| 4. Identification of S                       | Svetem SN   |                            |                          |                                    |               |  |   |
| (b) Applicable Ed                            | instruction Code <u>B3</u><br>lition of Section XI Ut | ilized for Repairs         | or Replacement           |                                    | ddenda,       |  | Code Case                                 |
| Name of<br>Component                         | Name of<br>Manufacturer                               | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
|  | BASIC.  | SNUC                       |                          | · 257549-                          |               | REPLACED                                 | NO  |
| PISTON                                       | ENGINEER  | P1-270                     |                          |                                    |               | a.re-co                                  | 7.00                                      |
|  | BASIC   | SNVB                       |                          | 20032                              |               | PEPLACED_                                | NO_                                       |
| CYLINDER                                     | ENCHNEER  | PI-270                     |                          |                                    |               | KEPCALE                                  | 1   |
| SPARE<br>SNUBBER                             | BARIC<br>ENGINEER                                     | SNUB<br>PI-270             |                          |                                    | _             | REPAIRED                                 | No  |
|  |   | • .                        |                          |                                    |               |  |   |
|  |   |                            |                          |                                    |               |  |   |
|  | ork_REFURBISH   | ED SNUBBER                 | <u> </u>                 |                                    |               |  |   |
| 7. Description of W                          |   |                            |                          | ng Pressure                        |               |  |   |

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|    | PERFORMING WORK, SEE CR 20013195  |
|    |   |
|    |   |
|    |   |
|    | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
|    | Type Code Symbol Stamp  |
|    | Certificate of Authorization No. NA Expiration Date NA  |
|    | Signed R.B. Will ASME PROGRAM ENGR. Date 3-17-01  |
|    | CERTIFICATE OF INSERVICE INSPECTION   |
|    | 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of   |
|    | Hart ford CT have inspected the components described  |
|    |   |
|    | 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. |
|    | Commissions NB 118 72 ANT, MNO 35600-Co  Inspector's Signature National Board, State, Province, and Endorsements  |
|    | Date4/30/01 49  |

| 1    | 717 Wakona                       | de Dr. E. I             | Welch, MN                  | <u>550</u> 89            | Date   3-23-0    Sheet       of     Unit   N/A |               |  |   |
|------|----------------------------------|-------------------------|----------------------------|--------------------------|--|---------------|--|---|
| 2. 1 | P <sub>lant</sub> <u>Prairie</u> | Name                    |                            |                          | O  |               |  |   |
|      | C                                |                         |                            |                          | WO, 00042                                      | .44           |  |   |
| -    | Same                             | Address                 |                            |                          | Repair Organ                                   | ization P.    | O. No., Job No., 8                       | tc.                                       |
|      | Work Performed by                | Owner                   |                            |                          | Type Code Symbol S                             | Stamp         | NIA                                      |   |
| 3.   | Work Performed by                | 0 11 11 11              | Name                       |                          | Authorization No                               |               | VA                                       |   |
|      | SAME                             |                         |                            |                          | Authorization No Expiration Date               |               | VA                                       |   |
|      | Shire                            | Address                 |                            | <del></del>              |  |               |  |   |
|      | Identification of SV             | stem_SN                 |                            |                          |  |               |  |   |
| 6.   |                                  | ion of Section XI Uti   |                            |                          |  |               | 1  |   |
|      | Name of<br>Component             | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification PART 10                   | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| 1    |                                  | BASIC.                  | 5008                       | •                        | KSNIHD   |               | 1450                                     | ٠   |
| _    | ROD                              | ENSINEER                | PI-266                     |                          |  |               | REPUTEED -                               | 700                                       |
| 1 7  | SPARE<br>SNUBBER                 | BASIC<br>ENGINEER       | PI-266                     | 1                        |  |               | REPAIRED                                 | No  |
|      |                                  |                         |                            |                          |  |               |  |   |
| 7.   | Description of Wo                | rk PEFURBISHE           | 🗀 🐧                        | aminal Operati           | ing Pressure° F                                |               |  |   |

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649, WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANII NOT NOTIFIED PRIOR TO   |
|    | PERFORMING-WORK, SEE CR 20013195.   |
| Γ  | CERTIFICATE OF COMPLIANCE ROA'S WAVY  |
|    | We certify that the statements made in the report are correct and this  |
|    | Type Code Symbol Stamp  |
|    | Certificate of Authorization No. NA Expiration Date NA  |
|    | Signed R.B. Will ASME PROGRAM ENGR. Date 3-27-01 ,19-   |
|    | 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   |
|    | hartfurd, CT have inspected the components described in this Owner's Report during the period 4/30/01 to 4/30/01, 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. |
|    | Commissions NB 11872 ANT, MN 039600-CO Inspector's Signature  National Board, State, Province, and Endorsements   |
|    | Date 4/30/01 >15  |

| l <u>/I/ Wakona</u><br>Plant <u>Prairi</u>    | ade Dr. E. V<br>Address<br>e Island | veich, in                  |                          | Sheet of                           |               |  |  |
|---|-------------------------------------|----------------------------|--------------------------|------------------------------------|---------------|--|--|
| -   | Name                                |                            |                          | WA 99056                           | .01           |  |  |
| <u>Same</u>                                   | Address                             |                            | <del>`</del>             | Wo, 99056<br>Repair Organ          | ization P.O   | D. No., Job No., e                       | tc.                                      |
|   |                                     |                            |                          | Type Code Symbol S                 | Stamp (       | NA                                       |  |
| Work Performed by                             | / Owner                             | Name                       |                          | Authorization No.                  | ,             | N/A                                      |  |
| - 4 1145                                      |                                     |                            |                          | Expiration Date                    |               | NIA                                      |  |
| SAME  | Address                             |                            |                          |                                    |               |  |  |
| Identification of S                           | SN                                  |                            |                          |                                    |               |  |  |
|   | nstruction Code 831                 |                            |                          |                                    |               |  |  |
| . Identification of C                         | Components Repaired o               | r Replaced and R           | eplacement Co            | mponents                           | <u> </u>      |  | 4.0845                                   |
| Name of<br>Component                          | Name of<br>Manufacturer             | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stampe<br>(Yes<br>or No) |
|   | BASIC                               | รุงบัช                     |                          | K5N145                             |               |  | 110                                      |
| DISTON  | ENGINEER                            | P= 462                     |                          |                                    | -             | REPLACED                                 | 700                                      |
|   | BASIC                               | SNVB                       |                          | KSNIYK                             |               |  | LNO                                      |
| CYLINDER                                      | ENCHNEER                            | PI-462                     |                          |                                    | <b> </b> -    | REPLACE                                  |  |
|   | BASIC                               | SNUB                       |                          | KSN15B                             |               | REPLACED                                 | NO                                       |
| ROD BUSHING                                   | ENGINEER                            | PI-462                     |                          |                                    |               | REPLACED                                 | 1  |
| SPARE<br>SNUBBER                              | BASEC<br>ENGINEER                   | P1-462                     |                          |                                    |               | REPAIRED                                 | ₩0                                       |
| <u>,                                     </u> |                                     |                            |                          |                                    |               |  |  |
|   |                                     | <u> </u>                   |                          |                                    |               |  | <u> </u>                                 |
|   | ,                                   |                            |                          |                                    |               |  |  |
| 7. Description of W                           | ork REFURBISHE                      | D SNORBER                  | >                        |                                    |               |  |  |
| 8. Tests Conducted:                           | : Hydrostatic F                     | neumatic N                 | ominal Operati           | ing Pressure []<br>° F             |               |  |  |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |        |
|----|---|--------|
|    | Applicable Manufacturer's Data Reports to be attached   |        |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION, ANII NOT NOTIFIED PRIOR TO   |        |
|    | PERFORMINGWORK, SEE CR 20013175.  | _      |
|    | CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this   | -<br>7 |
|    | We certify that the statements made in the report are correct and this repair of replacement.  ASME Code, Section XI.   |        |
|    | Type Code Symbol Stamp  |        |
|    | Certificate of Authorization No. N/A Expiration Date N/A  |        |
|    | Signed R.B. Will ASME PROGRAM ENGR. Date 3-27-01 ,19-   |        |
|    | CERTIFICATE OF INSERVICE INSPECTION   | 7      |
|    | I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of   |        |
|    | Hartford, CT have inspected the components described in this Owner's Report during the period 4/30/01 to 4/30/01, 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.  Commissions NB 11872 ANT, MN 0 35600-CO  National Board, State, Province, and Endorsements |        |
|    | Date 4/3d/UI 99   |        |

| . Owner <u>Northe</u>   | rn States P   | ower/Xce                   | <u>l Ene</u> rgyt                | Date 3-23-01                        |                           | <del></del>                              |   |
|-------------------------|---|----------------------------|----------------------------------|-------------------------------------|---------------------------|--|---|
|                         | ade Dr. E. V  |                            | 55089 s                          | sheetl of                           |                           |  |   |
| 2. Plant <u>Prairi</u>  |   |                            |                                  | Jnit N/A                            |                           |  |   |
| Cama                    |   |                            | · _                              | WO, 99050<br>Repair Organ           | 000                       |  | <del></del>                               |
| Same                    | Address   |                            |                                  |                                     |                           | •  | tc.                                       |
| 3. Work Performed by    | , Owner   |                            | ·                                | Type Code Symbol S                  | tamp                      | NIA                                      | <del></del>                               |
| 5, MOIR FEITOIMEG D     |   | Name                       |                                  | Authorization No                    |                           | N/A<br>N/A                               | <del></del>                               |
| SAME                    |   |                            |                                  | Expiration Date                     |                           | NIH                                      |   |
|                         | Address   |                            |                                  |                                     |                           |  |   |
| 4. Identification of Sy | ystem_SN  |                            |                                  |                                     |                           |  |   |
| (b) Applicable Edi      | nstruction Code <u>B3</u><br>ition of Section XI Uti<br>Components Repaired o | lized for Hepairs          |                                  |                                     |                           | 1  |   |
| Name of<br>Component    | Name of<br>Manufacturer   | Manufacturer<br>Serial No. | National<br>Board<br>No.         | Other<br>Identification<br>PArZT ID | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
|                         | BASIC   | 5008                       |                                  | 257550                              |                           | 0.75.06.50                               | مد  |
| PISTON                  | ENSINEER  | PJ-212                     |                                  |                                     |                           | REPLACED                                 | 100                                       |
| SPARE<br>SNUBBER        | BASIC   | PI-212                     | -                                |                                     | -                         | re paired                                | No  |
|                         |   |                            |                                  |                                     |                           |  |   |
|                         |   |                            |                                  |                                     |                           |  |   |
|                         |   |                            |                                  |                                     |                           |  |   |
| 7. Description of W     | ork_PEFURBISHE  | ED SNOBBER                 | ۷                                |                                     |                           |  |   |
| 8. Tests Conducted      | : Hydrostatic \[ \] Other \[ \infty \] Pressure SEE CEMA                      | Pneumatic N                | Jominal Operatin<br>si Test Temp |                                     |                           |  |   |
| tion in items 1         | nental sheets in form<br>through 6 on this rep<br>top of this form.           |                            | describes max                    | be used provided (                  | 1) size is 8<br>umbered a | 3½ in. x 11 in., (2)<br>and the number o | informa-<br>f sheets is                   |

073

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649, WILL BE FUNCTIONALLY TESTED   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached  |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION, ANII NOT NOTIFIED PRIOR TO  |
|    | PERFORMING WORK, SEE CRZOCI3195  |
|    |  |
|    |  |
| Γ  |  |
|    | CERTIFICATE OF COMPLIANCE Regain "You  |
|    | Min ==== C. al. a. d   |
|    | ASME Code, Section XI.   |
|    |  |
|    | Turn 0 1 0 1 10  |
|    | Type Code Symbol Stamp   |
|    | Certificate of Authorization No. NA Expiration Date  |
|    | 741 00   |
|    | Signed N. B. W. ASME PROGRAM ENGR. Date 3-27-01  Owner or Owner's Designee, Title  |
|    | 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 Mianes ata and employed by HSB I 4 I Co. of   |
|    | nave inspected the components described  |
|    |  |
|    | 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. |
|    |  |
|    | Commission NB 1/872 ANT Mala 25/41 CV  |
|    | Inspector's Signature Commissions NB 11872 ANI , MN035600 - CO  National Board, State, Province, and Endorsements                              |
|    |  |
|    | Date   |
|    |  |

| 1. | . Owner <u>Northe</u>  | rn States P                                 | ower/Xce                   | 1 Energy                 | Date 3-23-01                           |                      | <del> </del>                             |   |
|----|--|---|----------------------------|--------------------------|--|----------------------|--|---|
|    | 1 <u>717 Wakon</u> a   |   |                            |                          | Sheet of                               |                      |  |   |
|    | , Plant Prairie  | Island                                      |                            |                          | Unit N/A                               |                      |  |   |
|    |  | Name  |                            |                          | WO, 99 014<br>Repair Organ             | 187                  |  |   |
|    | Same   | Address Address                             |                            |                          |  |                      |  |   |
| 2  | . Work Performed by  | Owner                                       |                            |                          | Type Code Symbol S<br>Authorization No | Stamp                | NIA                                      |   |
| 3  | , Work remonined by  | ı   | Vame                       |                          | Authorization No                       |                      | NIA                                      |   |
|    | SAME   |   |                            | <del>_</del>             | Expiration Date                        |                      | N/A                                      |   |
|    |  | Address                                     |                            |                          | •                                      |                      |  |   |
| 4  | . Identification of Sys  | stern_SN                                    |                            |                          |  |                      |  |   |
|    | <ol> <li>(a) Applicable Cons</li> <li>(b) Applicable Edit</li> <li>Identification of Cons</li> </ol> | ion of Section XI Util                      | ized for Repairs (         | or Replacement           | ts 19 <u>07</u>                        | ddenda,              |  | Code Case                                 |
|    | Name of<br>Component   | Name of<br>Manufacturer                     | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID     | Year<br>Built        | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| -  |  | BASIC.                                      | SNUB                       |                          | 257547                                 | <u> </u>             | are ACED                                 | NO  |
|    | PISTON   | ENGINEER                                    | P1-524                     |                          |  |                      | 1021-011-01                              |   |
|    | . 10.01  | BASIC                                       | SNVB                       |                          | KSNIYX                                 |                      | REPLACED                                 | مما                                       |
|    | CYCHNDER   | ENGINEER                                    | FI 524                     |                          |  | Τ                    | REFUNCE                                  |   |
| اه |  | BASIC                                       | SNUB                       |                          | 257553                                 | +                    | REPLACED                                 | 100                                       |
| •  | ROD BUSHINGS   | ENGINEER                                    | PI-524                     |                          |  | +                    | <del></del>                              | <del> </del>                              |
|    | SPARE<br>SNUBBER   | BASIC<br>GNGINEER                           | 11-524                     | _                        |  |                      | REPAIRED                                 | No  |
|    |  |   |                            |                          |  |                      |  |   |
|    | 7. Description of Wood 8. Tests Conducted:   | Hydrostatic P<br>Other Pressure<br>SEE REMA | neumatic N                 | ominal Operati           | F                                      | <b>1</b> ) size is 8 | 1½ in. x 11 in., (2)                     | informa-                                  |
|    | tion in items 1 th   | nrough 6 on this repo                       | rt is included on          | each sheet, ar           | nd (3) each sheet is no                | umbered a            | ind the number o                         | t sheets is                               |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|    | PERFORMING WORK, SEE CR 20013195.   |
|    |   |
|    |   |
| Γ  | CERTIFICATE OF COMPLIANCE   |
|    | We certify that the statements made in the report are correct and this report are conforms to the rules of the  |
| l  | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.                            |
|    |   |
|    |   |
|    | Type Code Symbol StampN/A   |
|    |   |
|    | Certificate of Authorization No. N/A Expiration Date W/A  |
|    | Signed R. B. Willes ASME PROGRAM ENGLE 3-27-01  |
|    | Signed N. B. William ASME PROGRAM ENGR. Date 3-27-01  |
|    |   |
|    | 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 #58 I+I of   |
|    |   |
|    | in this Owner's Report during the period 4/30/01 to 4/30/01, 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.   |
|    | (8/M)   |
|    | Commissions NB 11872 ANT, MN039600-CO  Inspector's Signature Commissions NB 11872 ANT, MN039600-CO  National Board, State, Province, and Endorsements |
|    | National Board, State, Province, and Endorsements   |
|    | 4/21/1  |
|    | Date  |
|    |   |

| 2. | 717 Wakonac  | Address                                     | ercn. na                   | <u> </u>                       |   |               |  |   |
|----|--|---|----------------------------|--------------------------------|---|---------------|--|---|
| 2. |  | Taland                                      |                            |                                | •   |               |  |   |
|    | Plant 1101110                                      | ISTANU                                      |                            |                                | Unit N/A  |               |  | <del></del>                               |
| 3. |  | Name  |                            |                                |   |               |  |   |
| 3. | Same   | Address                                     |                            | <u></u>                        | WO, 99014<br>Repair Organ                             | 71            | h Ne Joh Ne e                            | <del></del>                               |
| 3. | Bame   | Address                                     |                            | _                              |   |               |  |   |
| ٥. | Work Performed by_                                 | Owner                                       | lame                       |                                | Type Code Symbol S                                    | tamp          | N/A                                      |   |
|    | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,             | N   | lame                       |                                | Type Code Symbol S Authorization No Expiration Date   |               | N/A                                      |   |
|    | SAME   |   |                            |                                | Expiration Date                                       |               | X/A                                      |   |
|    |  | Address                                     |                            |                                | •   |               |  |   |
| 4. | Identification of Sys                              | tem_SN                                      |                            |                                |   |               |  |   |
|    | (a) Applicable Constitution (b) Applicable Edition | on of Section XI Utili                      | ized for Repairs o         | or Replacemen                  |   | ddenda,       |  | Code Case                                 |
|    | Name of<br>Component                               | Name of<br>Manufacturer                     | Manufacturer<br>Serial No. | National<br>Board<br>No.       | Other<br>Identification<br>PAIZT ID                   | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| -  |  | BASIC                                       | 5000                       |                                | 257550  |               | REPLACED                                 | NO  |
|    | PISTON   | ENGINEER                                    | P1-80                      |                                |   |               | Tall the Co                              |   |
| ٦. | SPARE<br>SNUBBER                                   | BASIC<br>ENGINGER                           | P1-80                      |                                |   | _             | agpaire D                                | No  |
| ٢  |  |   |                            |                                |   | 1             |  |   |
| -  |  |   | ٠.                         |                                |   |               |  |   |
| -  |  |   |                            |                                |   |               |  |   |
| 7  | 7. Description of Wor                              |   |                            |                                |   |               |  |   |
| 8  | B. Tests Conducted:                                | Hydrostatic P<br>Other Pressure<br>SEE REMA | neumatic N                 | lominal Operat<br>si Test Temp | ting Pressure   F  F  F  F  F  F  F  F  F  F  F  F  F |               |  |   |

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |      |
|--|------|
| Applicable Manufacturer's Data Reports to be attached  |      |
| PER ASME OM-4 PRIOR TO REINSTALLATION. ANIT NOT NOTIFIED PRIOR TO  |      |
| FERFORMING WORK, SEE CR 20013195.  |      |
|  |      |
| We certify that the statements made in the spent are several and the several are several and the several are several and the several are several and the several are several and the several are several and the several are several and the several are several and the several are several and the several are several and the several are several are several and the several are several and the several are several are several are several and the several are several are several are several are several are several and the several are sever |      |
| We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.   | e    |
| Asime code, Section XI.  | - 1  |
|  | ı    |
| Type Code Symbol Stamp   | - 1  |
| Type Code Symbol Stamp   |      |
| Certificate of Authorization No. NA Expiration Date NA   |      |
|  | _    |
| Signed K.B. W. ASME PROGRAM ENGR. Date 3-27-01   |      |
| 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 St.   |      |
| or Province of Minacotta and employed by HSU LAT Co.   | . 1  |
| Hartfird, CT  have inspected the components describe to 4/30/01  to 4/30/01  , and state the components describe to 4/30/01  , and a 4/30/01  | , l  |
| in this Owner's Report during the period 4/30/01 to 4/30/01  |      |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in t  | iat  |
| Owner's Report in accordance with the requirements of the ASME Code, Section XI.   | 715  |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to   | .    |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed the Italy is  | he   |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with t  | er   |
| inspection.  | ) is |
|  |      |
| Commissions NB 11872 ANT MAY 1361001-Co  |      |
| Commissions NB 11872 ANT, MN 039600-Co  Inspector's Signature Commissions National Board, State, Province, and Endorsements  | -    |
|  |      |
| Date 4/30/01 to  |      |
|  | 1    |

| 1.   | Owner <u>Norther</u><br>1 <u>717 Wakona</u>                             | n States Po<br>Name<br>de Dr. E. W            | ower/Xcel                  | <u>Ene</u> rgy<br>55089       | Sheeto                             | <u> </u>                    |  |   |
|------|---|---|----------------------------|-------------------------------|------------------------------------|-----------------------------|--|---|
|      | Plant Prairie   |   |                            |                               | Unit N/A                           |                             |  | <del></del>                               |
|      | Same  | Address                                       |                            | ·                             | Wo, 3901                           | 470                         | ). No., Job No., e                       | tc.                                       |
|      |   |   |                            |                               | Town Code Symbol                   | Stamp 4                     | NIA                                      |   |
| 3.   | Work Performed by_  | Owner   | lame                       |                               | Authorization No.                  |                             | II A                                     |   |
|      | - A WAE   |   |                            |                               | Expiration Date                    |                             | IA                                       |   |
|      | SAME  | Address                                       |                            |                               |                                    |                             |  |   |
|      | . Identification of Sys   | stem SN                                       |                            |                               |                                    |                             | · · · · · · · · · · · · · · · · · · ·    |   |
|      | (a) Applicable Cons<br>(b) Applicable Editi<br>ii. Identification of Co | ion of Section XI Util                        | ized for Repairs o         | r Heptacemen                  | 15 13                              |                             |  |   |
|      | Name of<br>Component  | Name of<br>Manufacturer                       | Manufacturer<br>Serial No. | National<br>Board<br>No.      | Other<br>Identification<br>PART ID | Year<br>Built               | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
|      |   | BASIC   | SNUG                       |                               | 257550                             |                             | REPUNCED.                                | NO  |
| .    | PISTON  | ENGINEER                                      | PI-132                     |                               |                                    | _                           | REPUTEES                                 |   |
| 5    | - 13107   | <del></del>                                   | SNVB                       |                               | KSNIEG                             |                             |  | 100                                       |
| 1131 | -COD  | BASIC   | PE-132                     |                               |                                    |                             | REPLACED                                 | ļ   |
|      | SPARE<br>SNUBBER  | DASIC<br>ENGINEER                             | 12-132                     |                               |                                    |                             | REPAIRE D                                | No  |
|      | /1  |   |                            |                               |                                    | _                           |  |   |
|      |   |   |                            |                               |                                    |                             |  |   |
|      | 7. Description of Wo  |   |                            |                               |                                    |                             |  |   |
|      | 8. Tests Conducted:   | Other Pressure                                | Pneumatic N                | lominal Opera<br>ii Test Temp | ting Pressure°F                    |                             |  | ) informs                                 |
|      | NOTE: Supplem<br>tion in items 1 t<br>recorded at the to                | ental sheets in form<br>hrough 6 on this repo |                            |                               | an bound provided                  | (1) size is l<br>numbered : | 3½ in. x 11 in., (2<br>and the number c  | f sheets is                               |

(12/82)

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| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached  |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO  |
|    | PERFORMING WORK, SEE CR 20013195.  |
|    |  |
|    |  |
| -  |  |
| İ  | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.   |
|    | We certify that the statements made in the report are correct and this   |
|    | ASME Code, Section XI.   |
|    |  |
|    | Type Code Symbol Stamp   |
|    | Type code Symbol Stamp   |
|    | Certificate of Authorization No. N/A Expiration Date   |
|    |  |
|    | Signed R.B. William ASME PROGRAM ENGR. Date 3-27-01  |
|    |  |
|    | CERTIFICATE OF INSERVICE INSPECTION  |
|    | I, the undersigned, holding a valid commission issued by the National Board of Boiler and Processe Vascal In a valid and a valid commission issued by the National Board of Boiler and Processes Vascal In a valid and a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission issued by the National Road of Boiler and Processes Vascal In a valid commission is the valid commission of the valid commission is the valid commission of the valid |
|    | or Province of and employed by HSS I 41 ("   |
|    | Hartford, CT have inspected the components described   |
|    | in this Owner's Report during the period 4/30/6) to 4/30/6/ 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 par 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  |
|    | Inspection 1   |
|    | COMMISSION A/B 11872 ANT MN 136/10-CA  |
|    | Inspector's Signature Commissions WB 11872 ANI, MN 039600-CO  National Board, State, Province, and Endorsements  |
|    | Date_ 4/30/0)  |
|    | Date   |
|    |  |

| =  |   |  | /V 1                                      | Freres                         | 3-23-01   |               |  | <del></del>                               |
|----|---|--|---|--------------------------------|---|---------------|--|---|
| 1. | Owner Norther   | n States P<br>Name   | ower/Ace                                  | r Fuers)                       | Date  |               | •  |   |
|    | 1 <u>717 Wakonac</u>  | le Dr. E. W  | Welch. MN                                 | <u>550</u> 89                  | Sheet of  |               |  |   |
|    | Plant Prairie   | Island   |   |                                | Unit_N/A  |               |  |   |
|    | <del></del> -   | Name   |   |                                | WD. 39014   | 64            |  |   |
|    | <u>Same</u>   | Address  |   | •                              | WO, 79014<br>Repair Organi                        |               |  | tc.                                       |
| _  | Work Performed by_  |  |   |                                | Type Code Symbol S                                | tamp          | N/A                                      |   |
| 3. | Work Performed by_  | 1  | Vame                                      | <del></del>                    | Authorization No                                  |               | //                                       |   |
|    | SAME  |  |   |                                | Expiration Date                                   | N             | IA                                       |   |
|    | <del></del> ;   | Address  |   |                                |   |               |  |   |
| 4  | . Identification of Sys   | tem_SN   |   |                                |   |               |  |   |
|    | (a) Applicable Const (b) Applicable Edition (dentification of Const | on of Section XI Util  | ized for Repairs o                        | or Replacemen                  |   | ldenda,       |  | Code Case                                 |
|    | Name of<br>Component  | Name of<br>Manufacturer  | Manufacturer<br>Serial No.                | National<br>Board<br>No.       | Other<br>Identification<br>PAIZT ID               | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| ŀ  |   | BASIC.   | 5000                                      |                                | 257546  |               | REPLACED                                 | 00  |
|    | PISTON  | ENGINEER   | PI-355                                    |                                |   |               | 10.70.000                                |   |
| }  |   | BASIC  | SNVB                                      |                                | KSNIAI  | <del>  </del> | REPLACED                                 | <del>100</del>                            |
| 1  | CYLINDER  | ENUNTER  | PI-355                                    |                                |   |               | 12.0                                     | <del> </del>                              |
|    | SPARE   | BASIC  | P2-355                                    |                                |   |               | REPAIRED                                 | No  |
|    | SNUBBER   | ENGINEER   |   |                                |   |               |  |   |
|    | 7. Description of Wor<br>8. Tests Conducted:                        | k_REFURBISHE  Hydrostatic Pressure  SEE REMA                       |   |                                | ing Pressure ° F                                  |               |  |   |
|    | NOTE: Suppleme<br>tion in items 1 th<br>recorded at the to          | ental sheets in form o<br>frough 6 on this repo<br>p of this form. | of lists, sketches,<br>ort is included on | or drawings m<br>each sheet, a | ay be used, provided (<br>nd (3) each sheet is nu |               |  |   |
|    | (12/82)   | This Form (E000  | 030) may be obta                          | ined from the                  | Order Dept., ASME, 34                             | 45 E. 47th    | St., New York, I                         | V.Y. 10017                                |

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| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|    | PERFURMING WERK, SEE CR 20013195  |
| r  |   |
| 1  | CERTIFICATE OF COMPLIANCE   |
| ł  | We certify that the statements made in the report are correct and this conforms to the rules of the   |
| ı  | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
| ĺ  |   |
|    | Type Code Symbol StampN/A   |
|    |   |
|    | Certificate of Authorization No. N/A Expiration Date N/A  |
|    | Signed R.B. Will ASME PROGRAM ENGR. Date 3-17-01  |
|    | 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 HSB I&I Co of                     |
|    | have inspected the components described   |
|    |   |
|    | 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.  |
|    |   |
|    | Inspector's Signature Commissions NB 1/872 ANI , MN 039600-Co  National Board, State, Province, and Endorsements  |
| !  | Date4/30/81   |
|    |   |

| =  |                         |                         |   |                   |                                  |              |                      |              |
|----|-------------------------|-------------------------|---|-------------------|----------------------------------|--------------|----------------------|--------------|
|    | - Nouthor               | n States P              | ower/Xce                                | 1 Energy          | Date 3-23-01                     |              |                      |              |
| 1. | Owner Norther           | Name                    | OWELLACE                                |                   |                                  |              |                      |              |
|    | 1 <u>717 Wakona</u>     | de Dr. E. V             | Welch, MN                               | <u>550</u> 89     | Sheet of                         | _1           |                      | <del></del>  |
|    |                         |                         |   |                   | Unit_N/A                         |              |                      |              |
| 2, | Plant Prairie           | Name                    |   | <del></del>       |                                  |              |                      |              |
|    | Sama                    |                         |   |                   | WO, 99019<br>Repair Organ        | 168          |                      |              |
|    | Same                    | Address                 |   |                   | Repair Organ                     | ization P.   | O. No., Job No., e   | itc.         |
| _  | . Work Performed by_    | Owner                   |   |                   | Type Code Symbol S               | stamp        | N/A                  |              |
| 3  | , Work Performed by_    | 0                       | Name                                    |                   | Authorization No Expiration Date |              | N/A                  |              |
|    | SAME                    |                         |   |                   | Expiration Date                  |              | VA                   |              |
|    | SKIIC                   | Address                 |   |                   |                                  |              |                      |              |
|    | . Identification of Sys | om SN                   |   |                   |                                  |              |                      |              |
|    |                         |                         |   |                   |                                  |              |                      |              |
| _  | (a) Applicable Cons     | truction Code B31       | 1 _19_                                  | 67 Edition,       | A                                | ddenda,      |                      | Code Case    |
| 5  | (a) Applicable Colls    | ion of Section XI Uti   | lized for Repairs                       | or Replacemen     | ts 19 <u>89</u>                  |              |                      |              |
|    | (D) Applicable cold     | on or accusin an ou     | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | •                 |                                  |              |                      |              |
|    | . Identification of Co  | mnonents Renaired o     | r Replaced and R                        | eplacement Co     | mponents                         |              |                      |              |
| C  | , identification of co  | Imponents (repaires e   |   | ·                 |                                  |              |                      |              |
| Γ  |                         |                         |   |                   |                                  |              |                      | ASME         |
| 1  |                         |                         |   |                   |                                  |              |                      | Code         |
|    |                         | ·                       |   | ** ** 1           |                                  |              | Repaired,            | Stamped      |
| ١  |                         |                         | Manufacturer                            | National<br>Board | Other                            | Year         | Replaced,            | (Yes         |
| -  | Name of                 | Name of<br>Manufacturer | Manufacturer<br>Serial No.              | No.               | Identification                   | Built        | or Replacement       | or No)       |
| 1  | Component               | Walldlacturer           | Content                                 | -                 | PART ID                          |              |                      |              |
| ١  |                         |                         |   |                   |                                  | <u> </u>     |                      |              |
| Ī  |                         | BASIC.                  | SHUC                                    |                   | 257550                           |              | PERLACED             | 04           |
| ,  | PISTON                  | ENGINEER                | PI-433                                  |                   |                                  | ļ            | ļ                    |              |
| (* | SPARE                   | BASIC                   |   |                   |                                  |              | 0.644-0.50           | NO           |
| ۱  | SNUBBER                 | ENGINEER                | P1-433                                  |                   |                                  |              | REPAIRED             | 1,,,         |
| Ī  |                         |                         |   | ·                 |                                  |              |                      |              |
|    |                         |                         |   |                   |                                  |              |                      | <del> </del> |
|    |                         |                         | 1 .                                     |                   |                                  |              |                      |              |
|    |                         |                         |   |                   |                                  | <u> </u>     |                      | ļ            |
| 1  |                         |                         |   |                   |                                  | 1            |                      | 1            |
|    |                         |                         |   |                   |                                  |              |                      | 1            |
|    |                         |                         |   |                   |                                  |              |                      |              |
|    | 7. Description of Wor   | K REFURBISHE            | D SNUBBER                               |                   |                                  |              |                      |              |
|    |                         |                         |   |                   |                                  |              |                      |              |
|    | 8. Tests Conducted:     | Hydrostatic P           | neumatic 🔲 N                            | lominal Operat    | ing Pressure 🗌                   |              |                      |              |
|    |                         | Other Pressure          | ps                                      | i Test Temp.      | °F                               |              |                      |              |
|    | 8. Tests Conducted:     | see rema                | rks                                     |                   |                                  |              |                      |              |
|    | NOTE: Constant          | about in form           | of liete eketches                       | or drawings ma    | av be used, provided (           | 1) size is 8 | 1½ in. x 11 in., (2) | informa-     |
|    | tion in items 1 th      | rough 6 on this repo    | ort is included on                      | each sheet, ar    | id (3) each sheet is nu          | ımbered a    | nd the number o      | sheets is    |
|    | recorded at the to      |                         |   |                   |                                  |              |                      |              |
|    |                         |                         |   |                   |                                  |              |                      |              |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached  |
| ļ  | ER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|    |  |
| Į  | ERFORMING WORK, SEE CR 20013195.   |
|    |  |
|    |  |
| -  |  |
|    |  |
|    |  |
|    | 2.   |
|    | CERTIFICATE OF COMPLIANCE REPAIR   |
| İ  | vie certify that the statements made in the report are correct and this  |
| ١. | ASME Code, Section XI.   |
| į  |  |
| İ  |  |
| -  | Type Code Symbol Stamp   |
|    |  |
| (  | Certificate of Authorization No. NA Expiration Date NA   |
| !  | Expiration Date  |
| 9  | signed R.B.W. Llos ASME PROGRAM ENGR. Date 3-27-01   |
| •  | Owner or Owner's Designee, Title   |
|    |  |
|    |  |
|    | CERTIFICATE OF INSERVICE INSPECTION  |
| ı  | , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  |
| C  | r Province of  |
| -  | Harf first, CT have inspected the components described   |
| i  | this Owner's Report during the period 4/30/01 to 4/35/01 and state that  |
| t  | 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  |
| е  | xaminations and corrective measures described in this Council Base of France of Stat |
| 5  | xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer  |
| i  | half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this aspection.   |
| •  | spection,  |
|    | 100  |
| -  | Inspector's Signature Commissions NB //872 ANT, MN U39600 - Co  National Board, State, Province, and Endorsements  |
|    | National Board, State, Province, and Endorsements  |
|    | /./ /  |
|    | Pate 4/30/01 10  |
|    |  |
|    |  |

| 1  |                       | de Dr. E. V             |                            |                          | y Date 3-23-01                   | 1_            |  | <del></del>                               |
|----|-----------------------|-------------------------|----------------------------|--------------------------|----------------------------------|---------------|--|---|
| 2. | Plant Prairie         | Island                  |                            |                          | Unit N/A                         |               |  | <del></del>                               |
| _  |                       | Name                    |                            |                          | wa ganis                         | 163           |  |   |
|    | Same                  | Address                 |                            | <del> </del>             | Repair Organ                     | ization P.    | O. No., Job No., e                       | tc.                                       |
|    |                       | Owner                   |                            |                          | Type Code Symbol                 | Stamp         | NA                                       |   |
| 3. | Work Performed by     | O WITCE                 | Name                       | ····                     | Authorization No Expiration Date |               | NIA                                      |   |
|    | SAME                  |                         |                            |                          | Expiration Date                  |               | N/A                                      |   |
|    |                       | Address                 |                            |                          |                                  |               |  |   |
| 4. | Identification of Sys | stem_SN                 |                            |                          |                                  |               |  |   |
| 6. |                       | ion of Section XI Util  |                            |                          |                                  |               |  | ASME                                      |
|    | Name of<br>Component  | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification PART ID     | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| H  |                       | BASIC.                  | SNUB                       |                          | 257550                           |               | REPLACED                                 | wa  |
|    | PISTON                | ENGINEER                | PI-90                      |                          |                                  |               | Id. rates                                |   |
|    | SPARE<br>SNUBBER      | BASIC                   | 01-90                      |                          |                                  | _             | REPAIRED                                 | No  |
|    |                       |                         |                            |                          |                                  |               |  |   |
| -  |                       |                         |                            |                          |                                  |               |  |   |
|    |                       |                         |                            |                          |                                  |               |  |   |
| •  | . Description of Wo   | rk REFURBISHE           | D SNUBBER                  |                          |                                  |               |  |   |
|    | 3. Tests Conducted:   | Hydrostatic   F         | neumatic N                 | lominal Operat           | ing Pressure°F                   |               |  |   |

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| 9,       | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED   |
|----------|--|
|          | Applicable Manufacturer's Data Reports to be attached  |
|          | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PIRIOR TO   |
|          | PERFORMING WORK, SEE CR 20013195.  |
| <u> </u> |  |
|          | We certify that the statements made in the report are correct and this   |
|          | Comonits to the times of the   |
| ĺ        | ASME Code, Section XI.   |
|          |  |
|          | ,  |
|          | Type Code Symbol StampN/A  |
|          | Certificate of Authorization No. N/A Expiration Date N/A   |
|          | Signed R.B. Will ASME PROGRAM ENGR. Date 3-27-01 ,19   |
|          | 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 1//nacor4 and employed by HSS L&L (3)   |
|          | Hartford, CT have inspected the components described   |
|          | have inspected the components described in this Owner's Report during the period 4/30/61 to 4/30/61 , 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.  |
|          |  |
|          | Commissions NB 1/872 ANI, MN 039600-CO   |
|          | Inspector's Signature Commissions NB 11872 ANT , MN 039600 - Co  National Board, State, Province, and Endorsements                 |
|          | Date   |

| =        |  |  |                            |                                  |   |                           |  |   |
|----------|--|--|----------------------------|----------------------------------|---|---------------------------|--|---|
| 1.       | Owner Norther  | n States P                                     | ower/Xce                   | <u>l Ene</u> rgy                 | Date 3-23-01                                      |                           |  | <del></del>                               |
|          | 1 <u>717 Wakona</u>  | de Dr. E. W                                    | Welch, MN                  | <u>550</u> 89                    | Sheet of.   |                           |  |   |
| 2.       | Plant Prairie  | Island<br>Name                                 |                            |                                  | Unit_N/A  | <del>-</del>              |  | <del></del>                               |
|          | Same   | Address  |                            | ·                                | WO, 9913<br>Repair Organ                          | 266<br>Ization P.C        | ). No., Job No., e                               | tc.                                       |
| 3.       | . Work Performed by_   | Owner  | Name                       |                                  | Type Code Symbol S                                | tamp                      | V/A  |   |
|          | SAME   |  | vame                       |                                  | Authorization No Expiration Date                  |                           | V/A  |   |
| 4        | . Identification of Sys  | Address<br>tem_SN                              |                            |                                  | ·   |                           |  |   |
|          | <ul><li>(a) Applicable Cons</li><li>(b) Applicable Editi</li><li>dentification of Constant</li></ul> | on of Section XI Util                          | ized for Repairs (         | or Replacement                   | ts 19 <u>01</u>                                   | ddenda,                   |  | Code Case                                 |
|          | Name of<br>Component   | Name of<br>Manufacturer                        | Manufacturer<br>Serial No. | National<br>Board<br>No.         | Other<br>Identification<br>PALT ID                | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement         | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| +        |  | BASIC  | SNUB                       |                                  | 257548  |                           | REPLACED   | Q.A.                                      |
|          | PISTON   | ENGINEER                                       | PI-2                       |                                  | KSNIAW  | <del> </del>              | <del>                                     </del> | -   |
|          | CYLINDER   | BASIC  | SNUP<br>PL-2               |                                  | KSALL   | -                         | REPLACED   | A0  |
| <b>'</b> | SPARE  | BASEC  | PZ-2                       | -                                |   | _                         | repaire D  | No  |
|          |  |  | • .                        |                                  |   |                           |  |   |
|          |  |  |                            |                                  |   |                           |  |   |
|          | 7. Description of Wor  | k REFURBISHE                                   | D SNUBBER                  | 3                                |   |                           |  |   |
|          | 8. Tests Conducted:  | Hydrostatic Pother Pressure                    | neumatic N                 | Jominal Operati<br>si Test Temp. | ing Pressure° F                                   |                           |  |   |
|          | NOTE: Suppleme<br>tion in items 1 th<br>recorded at the to   | ental sheets in form o<br>rough 6 on this repo | f lises also abox          | or drawings ma                   | ay be used, provided (<br>nd (3) each sheet is nu | 1) size is 8<br>umbered a | ¼ in. x 11 in., (2)<br>nd the number o           | informa-<br>f sheets is                   |

(12/82)

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. | Remarks RECEIPT INSPECTED FER PINGP 649. WILL BE FUNCTIONALLY TESTED   |
|----|--|
|    | Applicable Manufacturer's Data Reports to be attached  |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO  |
|    |  |
|    | PERFORMING WORK, SEE CR 20013195.  |
|    |  |
|    |  |
|    |  |
|    |  |
| r- |  |
|    | We certify that the statements made in the report are correct and this   |
|    | We certify that the statements made in the report are correct and this   |
| 1  | ASME Code, Section XI.   |
|    |  |
| l  | ,  |
|    | Type Code Symbol Stamp   |
| l  |  |
| Ì  | Certificate of Authorization No. N/A Expiration Date N/A   |
|    |  |
|    | Signed K.B.W. Date ASME PROGRAM ENGR Date 3-27-01  |
|    | Owner or Owner's Designee, Title   |
| _  |  |
|    | CERTIFICATE OF INSERVICE INSPECTION  |
|    | I, the undersigned, holding a valid commission issued by the National Roard of Roller and Progress Versit  |
|    | or Province of Minnesota and employed by HSB I+I Co  |
|    | Martallo (17   |
|    | in this Owner's Report during the period. 4/30/a/ to 4/30/a/ 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   |
|    |  |
|    | Commission NB 11672 PAT MA ASCIAL AL   |
|    | Inspector's Signature Commissions NB 11872 ANT MN 039601-CO National Board, State, Province, and Endorsements  |
|    | , and the second |
|    | Date   |
|    |  |
|    |  |

| 1  |                             | Name  ide Dr. E. V                        |                            |                          | Date   3-23-0    Sheet     of      | 2             |  |   |
|----|-----------------------------|---|----------------------------|--------------------------|------------------------------------|---------------|--|---|
| 2. | Plant Prairie               | Island                                    |                            |                          | Unit N/A                           |               |  |   |
| _  |                             | Name                                      |                            |                          | WO, 98128                          | CI            |  |   |
|    | <u>Same</u>                 | Address                                   |                            | <u> </u>                 | Repair Organ                       | ization P.    | O. No., Job No., e                       | tc.                                       |
|    |                             |   |                            |                          | Time Cade Cumbol S                 | Stomp.        | NIA                                      |   |
| 3. | Work Performed by           | Owner                                     | Name                       | <del></del>              | Authorization No                   | ,             | NA                                       |   |
|    | - 4 4                       |   |                            |                          | Authorization No Expiration Date   |               | NA                                       |   |
|    | SAME                        | Address                                   |                            |                          | 2,0,100,011                        |               |  |   |
| _  | Identification of Sy        | 5N  |                            |                          |                                    |               |  |   |
|    | (b) Applicable Edi          | omponents Repaired c                      | lized for Repairs          | or Replacement           |                                    |               |  |   |
|    | Name of<br>Component        | Name of<br>Manufacturer                   | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
|    |                             |   | SNUB                       |                          | 257550                             |               | <u></u>                                  |   |
| -  |                             | BASIC.                                    | 3,000                      | 1                        | 7,10                               |               | TOP DIAL PIT                             | <del></del>                               |
|    | PISTON                      | BASIC                                     | PI-104                     |                          |                                    |               | REPLACED                                 | ₩0  |
|    | -PISTON<br>SPARE<br>>NUBBER |   | <u> </u>                   |                          |                                    |               | REPAIRE D                                | No<br>Mo                                  |
|    | PISTON SPARF >NUBBER        | ENGINEER                                  | PI-104                     |                          |                                    |               | <del> </del>                             |   |
|    | -PISTON<br>SPARG<br>>NUDBER | ENGINEER                                  | PI-104                     |                          |                                    |               | <del> </del>                             |   |
|    | -PISTON<br>SPARF<br>>NUBBER | ENGINEER                                  | PI-104<br>PI-104           |                          |                                    |               | <del> </del>                             |   |
|    | >NUBBER                     | Engineer<br>Basic<br>Bngineer             | PI-104<br>PI-104           |                          |                                    |               | <del> </del>                             |   |
|    | >NUBBER                     | ENGINEER  BASIC  FNGINEER  Ork REFURBISHE | PI-104  PI-104  PI-104     | Iominal Operati          | ing Pressure                       |               | <del> </del>                             |   |
|    | 7. Description of Wo        | ENGINEER  BASIC  BNGINEER  Ork REFURBISHE | PI-104  PI-104  PI-104     | Iominal Operati          | ing Pressure                       |               | <del> </del>                             |   |

| 9.       | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----------|---|
|          | Applicable Manufacturer's Data Reports to be attached   |
|          | PER ASME OM-4 PRIOR TO REINSTALLATION. ANIT THERE NOT NOTIFIED PRIOR TO   |
|          | PERFORMING WORK, SEE CR 20013195.   |
| <u> </u> | CERTIFICATE OF COMPLIANCE   |
|          | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
|          | Type Code Symbol Stamp  |
|          | Certificate of Authorization No. N/A Expiration Date N/A  |
|          | Signed R.B. William ASME PROGRAM ENGR. Date 3-27-01   |
|          | 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 Microsoft and employed by HSB TAT Co. of have inspected the components described in this Owner's Report during the period 4/30/01 to 4/30/01 and state that |
|          | in this Owner's Report during the period 4/30/01 to 4/30/01 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.                                     |
|          | Commissions NB 11872 ANT MN 039600-CO  Inspector's Signature National Board, State, Province, and Endorsements  |
|          | Date4/30/01   |

|    | <u>717 Wakona</u><br><sub>Plant</sub> <u>Prairie</u>          |                                 | elch, MN                   |                          | Sheet of of Unit N/A               |               |  |   |
|----|---|---------------------------------|----------------------------|--------------------------|------------------------------------|---------------|--|---|
|    | Same  |                                 |                            |                          | Wo,981273                          | zation P (    | ). No., Job No., e                       | tc.                                       |
|    |   | Address                         |                            |                          |                                    |               | <u> </u>                                 |   |
| 3. | Work Performed by   | Owner                           |                            |                          | Type Code Symbol S                 | tamp          | NIA                                      | <del></del>                               |
| ٠. | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                       |                                 | lame                       |                          | Authorization No Expiration Date   |               | 1/4                                      |   |
|    | SAME  |                                 |                            | <del></del>              | Expiration Date                    |               | 4/77                                     |   |
|    |   | Address                         |                            |                          | •                                  |               |  |   |
| 4. | Identification of Sys   | stem_SN                         |                            |                          | <del></del>                        |               |  |   |
|    | (a) Applicable Cons (b) Applicable Edit  Identification of Co | ion of Section XI Util          | ized for Repairs o         | r Replacement            |                                    | idenda,       |  | Code Case                                 |
|    | Name of<br>Component  | Name of<br>Manufacturer         | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| 1  |   | BASIC                           | 5000                       |                          | KSN14C                             |               |  | No  |
| -  | DICTON  | ENGINEER                        | PI-316                     |                          |                                    |               | REPLACED                                 |   |
|    | 1-10-1  |                                 | SNVP                       |                          | KSNIHD                             |               |  | 100                                       |
| *  | ROD   | ENCINEER                        | PI- 316                    |                          |                                    |               | REPLACED                                 | 100                                       |
|    | SPARE   | BASIC<br>ENGINEER               | PI-316                     | _                        |                                    |               | REPALAED                                 | No  |
|    | 213 4 17  |                                 |                            |                          |                                    | ļ             |  |   |
|    |   |                                 |                            |                          |                                    |               |  |   |
|    |   | rk_PEFURBISHE                   | D SNUBBER                  |                          |                                    |               |  |   |
| 1  | 7. Description of Wo  | Hydrostatic F<br>Other Pressure |                            |                          |                                    |               |  |   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TE  | STED          |
|--|---------------|
| Applicable Manufacturer's Data Reports to be attached  |               |
| PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRICR.  | To ·          |
|  |               |
| PERFORMING WORK, SEE CR 20013195.  |               |
| TOTAL SEE CE SONT 11-15.   |               |
|  |               |
|  |               |
|  |               |
|  |               |
|  |               |
| CERTIFICATE OF COMPLIANCE Repair Walk  |               |
| We certify that the statements made in the report are correct and this   | rules of the  |
| ASME Code, Section XI.   | dies of the   |
|  |               |
|  |               |
| Type Code Symbol StampNA   |               |
|  |               |
| Certificate of Authorization No. N/A Expiration Date N/A   |               |
| Expiration Date  |               |
| Signed R. B. Willas ASME PROGRAM ENGR. D. 3-77-01  |               |
| Signed K. B. William ASME PROGRAM ENGR. Date 3-27-01 Owner or Owner's Designee, Title  | 19            |
|  |               |
|  |               |
| CERTIFICATE OF INSERVICE INSPECTION  |               |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors a   | and the Steen |
| or Province of 1/1/1/60174 and employed by MSK / 47 %  |               |
| Hast ford, CT  have inspected the component to the best of my knowledge of 4/36/61  to the best of my knowledge of 4/36/61  to the best of my knowledge of 4/36/61  to the best of my knowledge of 4/36/61 | or            |
| in this Owner's Report during the period 4/30/at to 4/31/at  | ts described  |
| to the best of my knowledge and belief the Owner has porformed available.  | id state that |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures desc<br>Owner's Report in accordance with the requirements of the ASME Code, Section XI.        | ribed in this |
|  |               |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, co  | ncerning the  |
| examinations and corrective measures described in this Owner's Report, Furthermore, neither the Inspector park   | .i            |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connection  | ted with this |
| inspection.  |               |
|  |               |
| Commissions NB 11872 ANT MAI D39600  | - CA          |
| Inspector's Signature Commissions NB 11872 ANI MW 039600.  National Board, State, Province, and Endo   | rsements      |
|  |               |
| Date4//30/01 ten   |               |
|  |               |
|  |               |

| 1717 Wakonade Plant Prairie I Same Work Performed by ( SAME  | Name Address Owner      | Name                       | ·                        | Unit N/A WO, 98124 Repair Organi Type Code Symbol S | 35<br>ization P.C | D. No., Job No., et                      | te.                                       |
|--|-------------------------|----------------------------|--------------------------|---|-------------------|--|---|
| Same  Same  Same   | Address<br>Owner        | Name                       | <u> </u>                 | Type Code Symbol S                                  | tamp              |  |   |
| . Work Performed by(   | Owner                   | Name                       |                          | Type Code Symbol S                                  | tamp              |  |   |
| . Work Performed by(   | Owner                   | Name                       |                          | Type Code Symbol S                                  | tamp              |  |   |
| SAME   |                         | Name                       |                          | Type Code Symbol S                                  | tamp              | N/A                                      |   |
| SAME   |                         | Name                       |                          |   |                   | 1.                                       |   |
|  | Address                 |                            |                          | Authorization No                                    | ^                 | 1/4                                      |   |
|  | Address                 |                            |                          | Expiration Date                                     |                   | MA                                       |   |
| . Identification of System   |                         |                            |                          |   |                   |  |   |
| . Idelitindation of by   | ກ ຣຽ                    |                            |                          |   |                   |  |   |
| <ul><li>(a) Applicable Constru</li><li>(b) Applicable Edition</li><li>Identification of Comp</li></ul> | of Section XI Uti       | lized for Repairs of       | r Replacements           | s 19 <u>01</u>                                      |                   | · · · · · · · · · · · · · · · · · · ·    |   |
| Name of<br>Component   | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification PART ID                        | Year<br>Built     | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| В  | ASIC                    | SNUC                       |                          | KSN145  |                   | REPLACED                                 | NO  |
| PISTON   | NGINEER                 | PI-506                     |                          |   |                   | ICLE PLANE                               |   |
|  | ASIC                    | SNVB                       |                          | K5N14V  |                   | DEPLACED.                                | NO  |
|  | NUNTER                  | PI-506                     |                          |   |                   | VEPCO-                                   |   |
| - 6  | BASIC                   | SNUB                       |                          | KSNIHW  |                   | REPLACED                                 | مما                                       |
| CHLINDER   | engineer                | PI-506                     |                          |   | 1                 |  | -   |
|  | BASIC                   | SNUB                       |                          | 257554  |                   | PERLACEIS                                | NO  |
| ROD BUSHING  | NUNGER                  | b1-200                     |                          |   |                   | <del>_</del>                             | <del> </del> -                            |
| SPARE  | BASIC                   | P1-506                     | ĺ                        |   | 1 _               | REPAIRE D                                | NO  |

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| 9.       | Remarks RECEIPT INSPECTED PER PINGP 649, WILL BE FUNCTIONALLY TESTED  |
|----------|---|
|          | Applicable Manufacturer's Data Reports to be attached   |
|          | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|          | PERFORMING WORK, SEE CR 20013195.   |
| <u> </u> | CEDTIFICATE OF COMPLIANCE   |
|          | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
|          | Type Code Symbol Stamp  |
|          | Certificate of Authorization No. N/A Expiration Date  |
|          | Signed R.B. Williams ASME PROGRAM ENGR. Date 3-27-01 -19-   |
|          | 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   |
|          | in this Owner's Report during the period 4/30/61 to 4/30/64 , and state that to the best of my knowledge and belief the Owner has performed examinations and ask as a second of the components described and the components described to the best of my knowledge and belief the Owner has performed examinations and ask as a second of the components described to the best of my knowledge and belief the Owner has performed examinations and ask as a second of the components described to the components described to the components described to the components described the components described to |
|          | in this Owner's Report during the period 9/30/6/ to 4/30/a , 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  |
| į        | 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.  |
|          | Inspector's Signature Commissions NB //872 ANT MN 039600-CO National Board, State, Province, and Endorsements   |
|          | Date $\frac{4/30/0}{19}$  |

|            | Owner Norther  1717 Wakona   | de Dr. E. W                                    |                            |                          | V Date 3-23-0 Sheet 1 Unit N/A     | of                            |  |   |
|------------|--|--|----------------------------|--------------------------|------------------------------------|-------------------------------|--|---|
| 2.         | Plant 110111C  | Name   |                            |                          |                                    |                               |  |   |
|            | C  | WO, 9812                                       | 399                        | O. No., Job No., e       |                                    |                               |  |   |
|            | <u>Same</u>  | Address  |                            |                          | Repair Org                         | anization P.                  | O. No., Job No., e                       | rtc.                                      |
|            |  | Owner  |                            |                          | Type Code Symbo                    | l Stamp                       |  |   |
| 3.         | . Work Performed by_   | Owner  | Vame                       |                          | Authorization No.                  |                               |  |   |
|            |  |  |                            |                          |                                    |                               |  |   |
|            | SAME   | Address  |                            |                          | Expiration Date                    |                               |  |   |
|            |  | c.1  |                            |                          |                                    |                               |  |   |
| 4          | . Identification of Sys  | tem_ <u>510</u>                                |                            |                          |                                    |                               |  |   |
|            | (a) Applicable Cons (b) Applicable Editi  i. Identification of Con | on of Section XI Util                          | ized for Repairs           | or Replacemen            | ts 19 <u>01</u>                    | -                             |  |   |
|            | Name of<br>Component   | Name of<br>Manufacturer                        | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID | Year<br>Built                 | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| ŀ          |  | BASIC  | SNUB                       |                          | 257547                             |                               | arenaceo                                 | NO  |
| ١          | PISTON   | ENGINEER                                       | PI-546                     |                          |                                    |                               | 19.10.000                                | 7   |
| -          |  | BASIC  | SNUP                       |                          | K5N14X                             |                               |  | -NO                                       |
|            | CYLINDER   | ENCHNEER                                       | PI-546                     |                          |                                    |                               | REPLACED                                 |   |
| <b>'</b> † |  | BASIC  | SNUR                       |                          | 257553                             |                               |  | 100                                       |
|            | ROD BUSHINGO   | ENGINEER                                       | PT-546                     |                          |                                    | _                             | REPLACED                                 | 100                                       |
|            | SPARE<br>SNUBBER   | BUSTO  | 01-546                     |                          |                                    | _                             | REPAIRED                                 | No  |
|            |  | 1  |                            |                          |                                    |                               |  |   |
| ı          |  |  | <u> </u>                   | 1                        |                                    |                               |  | _1  |
|            | 7. Description of Wor<br>8. Tests Conducted:                       |  |                            | Iominal Operat           | ing Pressure 🗌                     |                               |  |   |
|            | NOTE: Suppleme<br>tion in items 1 th<br>recorded at the to         | ental sheets in form o<br>rough 6 on this repo | A lines alcotabas          | or drawings m            | ay be used, provided               | I (1) size is 8<br>numbered a | 3½ in. x 11 in., {2} and the number o    | informa-<br>f sheets is                   |

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(12/82)

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|    | PERFORMUL WORK, SEE CR 20013195.  |
|    | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
|    | Type Code Symbol Stamp  |
|    | Certificate of Authorization No. NA Expiration Date NA  |
|    | Signed R.B. William ASME PROGRAM ENGR. Date 3-27-01   |
|    | 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 Minacsta and employed by HSB I+I Co. of have inspected the components described in this Owner's Report during the period 4/34/al to 4/34/al |
|    | Date  |

| . Owner <u>Northe</u>                | rn States F            | ower/Xce                | LEnergy  | y Date 3-23-01            |              | •                   |                         |
|--------------------------------------|------------------------|-------------------------|--|---------------------------|--------------|---------------------|-------------------------|
|                                      | ade Dr. E.             |                         |  | Sheetof                   |              |                     |                         |
| . Plant Prairie                      |                        |                         |  | Unit N/A                  |              |                     |                         |
| Plant FIGILIE                        | Name                   |                         |  |                           |              |                     |                         |
| Same                                 |                        |                         | <u>·                                      </u> | WO, 98123<br>Repair Organ | 392          |                     |                         |
|                                      | Address                |                         |  | •                         |              |                     | nc.                     |
| 3. Work Performed by                 | , Owner                |                         |  | Type Code Symbol S        | Stamp        | NA                  | J. 11                   |
|                                      |                        | Name                    |  | Authorization No          |              | NIA                 | <del> </del>            |
| SAME                                 |                        |                         |  | Expiration Date           |              | N //+               |                         |
|                                      | Address                |                         |  | •                         |              |                     |                         |
| s. Identification of Sy              | ystem_SN               |                         |  |                           |              |                     |                         |
|                                      | 931                    | 11 40                   | ( 7 Edition                                    | ,A                        | ddenda       |                     | Code Cas                |
| <ol><li>(a) Applicable Cor</li></ol> | nstruction Code 831    | 19_                     | - Perlessmon                                   | 10 B9                     |              |                     |                         |
| (b) Applicable Edi                   | tion of Section XI Uti | lized for Repairs of    | or Replacemen                                  | 15 15                     | -            |                     |                         |
|                                      |                        | Danis and and D         | onlocement Co                                  | mnonents                  |              |                     |                         |
| 6. Identification of C               | omponents Repaired o   | or Replaced and R       | epiacement oc                                  | inponents                 |              |                     |                         |
|                                      |                        |                         |  |                           |              |                     | ASME                    |
|                                      |                        |                         |  |                           |              | Repaired.           | Code<br>Stamped         |
|                                      |                        | 1                       | National                                       | Oahaa                     | Year         | Replaced,           | (Yes                    |
| Name of                              | Name of                | Manufacturer Serial No. | Board<br>No.                                   | Other<br>Identification   | Built        | or Replacement      | or No)                  |
| Component                            | Manufacturer           | Sellai 140.             | 140.   | PART ID                   |              |                     |                         |
|                                      | BASIC                  | SNUB                    |  | K5N145                    |              |                     |                         |
| PISTON                               | ENGINEER               | P1-540                  |  | 1124                      | -            | REPLACED            | No                      |
|                                      |                        | SNVP                    |  | KSN 157                   |              |                     | No                      |
| -ROD BUSHING                         | ENCHNEER               | PI-540                  |  |                           |              | REPLACED            |                         |
| SPARE                                | BASEC                  |                         |  |                           |              | REPAIRED            | No                      |
| SNUB BER                             | ENGINEER               | Pt-240                  |  |                           |              | Paturan             |                         |
|                                      |                        |                         |  |                           |              |                     |                         |
|                                      |                        |                         |  |                           | <del> </del> |                     | <del></del>             |
|                                      |                        |                         |  |                           |              |                     |                         |
|                                      |                        |                         |  |                           | <u> </u>     |                     | <u></u>                 |
|                                      |                        |                         |  |                           |              |                     |                         |
| 7. Description of Wo                 | ork REFURBISHE         | D SNUBBER               |  |                           |              |                     |                         |
|                                      |                        |                         |  |                           |              |                     |                         |
| 8. Tests Conducted:                  | Hydrostatic 🔲 🛭        | Pneumatic 🔲 N           | ominal Operat                                  | ing Pressure 📗            |              |                     |                         |
|                                      | Other N Pressure       | ps                      | i Test Temp.                                   | °F                        |              |                     |                         |
|                                      | see rema               | ARLICS                  |  |                           | 41           | 1/ := 11 :=  (0)    | informa                 |
| NOTE: Supplem                        | nental sheets in form  | of lists, sketches,     | or drawings m                                  | ay be used, provided (    | 1) size is 8 | ½ in. x 11 in., (2) | intorma-<br>f sheets is |
| tion in items 1 t                    | through 6 on this repo | ort is included on      | each sheet, ar                                 | nd (3) each sheet is no   | anibeleu a   |                     |                         |
| recorded at the t                    | op of this form,       |                         |  |                           |              |                     |                         |
| •                                    |                        |                         |  |                           |              |                     |                         |
| (12/82)                              | This Form (E00         | 030) may be obtai       | ined from the (                                | Order Dept., ASME, 3      | 45 E. 47th   | St., New York, N    | 1.Y. 1001               |

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| 9. Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED   |
|---|
| Applicable Manufacturer's Data Reports to be attached   |
| PER ASME OM-4 PRIOR TO REINSTALLATION. ANII NOT NOTIFIED ARIOR TO   |
| PERFORMING- WORK, SEE CR 20013195.  |
|   |
|   |
| We certify that the statements made in the report are correct and this  |
| We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
| Type Code Symbol Stamp  |
| Certificate of Authorization No. NA Expiration Date NA  |
| Signed R.B. William ASME PROGRAM ENGR. Date 3-27-01   |
| 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   |
| in this Owner's Report during the period 4/30/1 to 4/36/a/ , 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 par 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.  |
| Commissions NB 1/872 ANI MN 039600-C0  Inspector's Signature National Board, State, Province, and Endorsements  |
| Date 4/36/01 980  |

| 1.<br>1  | Owner <u>Norther</u>  | de Dr. E. W                                     | elch. MN                   | <u>550</u> 89                   | 7 Date 3-23-01                                      |                           |   |   |
|----------|---|---|----------------------------|---------------------------------|---|---------------------------|---|---|
| 2        | Plant Prairie   | Island  |                            | <del></del>                     | Unit N/A  |                           |   | <del></del>                               |
|          | 710/IX  | Name  |                            |                                 |   |                           |   |   |
|          | Same  |   |                            | <u> </u>                        | WO, 97126<br>Repair Organ                           | retion P                  | ) No Joh No e                                   | <u> </u>                                  |
|          |   | Address   |                            |                                 |   |                           |   |   |
| 3        | Work Performed by 0wner Name                                    |   |                            |                                 | Type Code Symbol S                                  | tamp                      | NIA   | <del></del>                               |
| ٠.       |   |   |                            |                                 | Authorization No                                    |                           | V/A   |   |
|          | SAME  |   |                            |                                 | Type Code Symbol S Authorization No Expiration Date |                           | NIA   |   |
|          |   | Address   |                            |                                 | •   |                           |   |   |
| Λ        | Identification of Sys   | tem SN  |                            |                                 |   |                           |   |   |
|          | (a) Applicable Cons (b) Applicable Editi Identification of Cons | on of Section XI Utili                          | ized for Repairs           | or Replacemen                   |   | idenda,                   |   | Code Case                                 |
|          | Name of<br>Component  | Name of<br>Manufacturer                         | Manufacturer<br>Serial No. | National<br>Board<br>No.        | Other<br>Identification<br>PART ID                  | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement        | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| $\vdash$ |   | BASIC   | SNUC                       |                                 | KSN145  |                           | DEDLACED  | Na  |
|          | PISTON  | ENGINEER  | PI-100                     |                                 |   | -                         | TUSTICAL ED.                                    |   |
| .  -     | ,                         | BASIC   | SNVB                       |                                 | KSN14N  |                           |   | ممل                                       |
| ١.       | CYLINGER  | ENCHNEER  | PI-:00                     |                                 |   | T=                        | REPLACED  |   |
|          | STARE   | BASIC<br>ENGINEEP                               | 25 - 190                   |                                 |   | _                         | REPATAED  | No  |
|          |   |   |                            |                                 |   |                           |   |   |
|          | 7. Description of Wor   | k REFURBISHE                                    | O SNUBBER                  | 2                               |   |                           |   |   |
|          | 8. Tests Conducted:   | Hydrostatic Processure  SEE CEMAI               | neumatic N                 | Jominal Operat<br>si Test Temp. | ing Pressure° F                                     |                           |   |   |
|          | NOTE: Supplemention in items 1 the recorded at the to           | ental sheets in form o<br>crough 6 on this repo |                            | as decurings m                  | ay be used, provided (<br>nd (3) each sheet is no   | 1) size is 8<br>umbered a | $3\%$ in. $\times$ 11 in., (2) and the number o | informa-<br>f sheets is                   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

(12/82)

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| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be asset a  |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO PERFORMUL   |
|    | WORK, SEE CR 20013195.  |
|    | CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI. |
|    | Type Code Symbol StampN/A   |
|    | Certificate of Authorization No   |
|    | 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     |
|    | Date4/30/01 >+9   |

| 1. | Owner <u>Norther</u>   | n States Po  | ower/Xce                   | 1 Energy                 | 7Date 3-23-01  | <u>,</u>                  |  |   |
|----|--|--|----------------------------|--------------------------|--|---------------------------|--|---|
| ٠  | 1 <u>717 Wakona</u>  | ie Dr. E. W  | elch. MN                   | <u>550</u> 89            | Sheetof  |                           |  |   |
| 2. | Plant Prairie  | Island<br>Name   |                            |                          | Unit N/A   |                           |  |   |
|    | Same   |  |                            | ·                        | WO, 97129<br>Repair Organ  | ization P.                | O. No., Job No., e                       | tc.                                       |
|    |  | Address  |                            |                          | Type Code Symbol S   |                           |  |   |
| 3. | Work Performed by_   | Owner  | lame                       |                          | Authorization No.  | stamp                     | NIA                                      | <del>_</del>                              |
|    | _  | •  |                            |                          | Expiration Date  |                           | NIA                                      |   |
|    | SAME   | Address  |                            | <del></del>              | Expiration bate  |                           |  |   |
|    |  | -  |                            |                          |  |                           |  |   |
|    | . Identification of Sys  |  |                            |                          |  |                           |  |   |
|    | (a) Applicable Cons (b) Applicable Editi  Identification of Con                                  | on of Section XI Utili   | zed for Repairs            | or Replacemen            |  | ddenda,                   |  | Code Case                                 |
|    | Name of<br>Component   | Name of<br>Manufacturer  | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification<br>PART ID                                 | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| -  |  | BASIC  | SNUC                       |                          | KSNI4S   |                           | 222,2652                                 | 770                                       |
|    | PISTON   | ENGINEER   | PI-507                     |                          |  | +                         | PEPLACED                                 | 110                                       |
| -  |  | BASIC  | SNVB                       |                          | KSNIYW   |                           |  | 1-00                                      |
| d  | تياسي تي   | ENCHNEER   | PI-507                     |                          |  |                           | REPLACED                                 |   |
| 0  |  | BASIC  | ewing .                    |                          | 257554   |                           | REPLACED                                 | 100                                       |
|    | ROD BUSHING  | ENGINEER   | PI-507                     | _                        |  |                           | REPLACES                                 |   |
|    | SPARE<br>SNUBBER   | BASIC<br>BNGINEER  | 02-507                     |                          |  |                           | - REPAIRED                               | No  |
|    |  |  |                            |                          |  |                           |  |   |
|    | 7. Description of Wor 8. Tests Conducted:  NOTE: Supplemention in items 1 the recorded at the to | Hydrostatic P Other Pressure SEE CEMAI ental sheets in form corough 6 on this repo | neumatic N                 | Nominal Operation        | ting Pressure° F  hay be used, provided ( and (3) each sheet is no | 1) size is 8<br>umbered a | 3½ in. x 11 in., (2<br>and the number c  | ) inform                                  |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

(12/82)

3,

| 9. | Remarks RECEIPT INSPECTED PER PINGP 649. WILL BE FUNCTIONALLY TESTED  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | PER ASME OM-4 PRIOR TO REINSTALLATION. ANTI NOT NOTIFIED PRIOR TO   |
|    | PERFORMING-WORK, SEE CR 20013195  |
|    | CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this Reading Wiseling (  |
| 1  | We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
|    | Type Code Symbol Stamp  |
|    | Certificate of Authorization No. N/A Expiration Date N/A  |
|    | Signed R. W. W. ASME PROGRAM ENGR. Date 4-2-01 ,19  |
|    | 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   |
|    | in this Owner's Report during the period 4/36/61 to 4/36/61, 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. |
|    | Inspector's Signature  Commissions NB 1/872 ANT, MN 039600 - Co  National Board, State, Province, and Endorsements  |
| 1  | Date  |

| · Nuce  | LEAR MANA                         | IGEMENT C                  | <u> </u>                                     | Date 2 - 2 6                              | 0-01            |                           |                 |
|---|-----------------------------------|----------------------------|--|---|-----------------|---------------------------|-----------------|
| 1. Owner <u>7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</u> | Nam                               | e                          |  |   |                 |                           |                 |
| 1717 WAI  | CONADE DE.  Addre  RIE ISLAN  Nam | E. WELCH,                  | MN   | Sheet/                                    | _ of <u>Z</u> _ |                           |                 |
|   | Addre                             | ess                        | 4  |   |                 |                           |                 |
| 2 Plant PRAIS   | RIE ISLAN                         | O N.G.F                    | <u>.                                    </u> | Unit/_                                    |                 |                           |                 |
| 2. Hall   | Nam                               | ie                         |  |   |                 |                           | 7               |
| SAME  | Addre                             |                            |  | 000 4470, C                               | 100 703         | vization P.O. No. Joh No. | 7, 006 703      |
|   | Addre                             | rss                        |  |   |                 |                           |                 |
| 3 Work Performed                                      | d by OWNEN                        | ۲                          |  | Type Code Symbol S<br>Authorization No. — | Stamp           | 1/4                       |                 |
|   | , Nam                             | 18                         |  | Authorization No. —                       |                 | 1/4                       | <u>.</u>        |
| SAME  | Addr                              |                            |  | Expiration Date                           |                 | (1)                       | <del></del>     |
|   | Addri                             | ass                        |  | Course 2)                                 |                 |                           |                 |
| 4. Identification of                                  | System KE                         | ACTOR COOL                 | LANT   | (CLASS 2)                                 |                 |                           |                 |
|   |                                   | 16.446.77                  | T 1000                                       | Edition,                                  |                 |                           | 0.1.0           |
| 5. (a) Applicable                                     | Construction Code                 | e HSME III                 | <u>4, 7983</u> E                             | Edition,                                  | Addend          | a,                        | _ Code Case     |
|   |                                   |                            | , 55.  | 1989                                      |                 |                           |                 |
| (b) Applicable E                                      | dition of Section XI              | Utilized for Repair/       | Replacement Acti                             | ivity / Year                              |                 |                           |                 |
|   |                                   |                            |  |   |                 |                           |                 |
| (c) Applicable S                                      | ection XI Code Case               | s                          |  |   |                 |                           |                 |
|   |                                   |                            |  |   |                 |                           |                 |
| 6. Identification of                                  | f Components:                     |                            |  |   |                 |                           |                 |
|   | T                                 |                            |  |   |                 |                           | ASME            |
|   |                                   |                            | National                                     |   | Year            | Corrected,<br>Removed, or | Code<br>Stamped |
| Name of   | Name of<br>Manufacturer           | Manufacturer<br>Serial No. | Board<br>No.                                 | Other Identification                      | Built           | Installed                 | (Yes or No)     |
| SV-37035  | TARGET ROCK                       | 2                          |  |   |                 | REMOVED                   | <b>∀ES</b>      |
| 30-37033  | ///250, / 251                     | 2/323                      |  |   | 2000            | INSTALLED                 | YES             |
| 6V-37036  |                                   | 51/0/65                    | -0/  | _   | _               | REMOVED                   | VES             |
| 30-37039  | TARGET ROCK                       | 23/2//2                    | _  |   | 2000            | INSTALLED                 | YES             |
| SV-37037  |                                   | 25/2/4                     |  | _   |                 | REMOVED                   | VES             |
| 30.5.   | TARRET ROCK                       | 28/215                     |  | _   | 2000            | INSTALLED                 | YES             |
| SV-37038  | <del> </del>                      |                            |  | _   |                 | REMOVED                   | YES             |
| 15,000  | TARGET ROCK                       | 34/214                     | _  | _   | 2000            | INSTALLED                 | YES             |
| SV- 37039   |                                   |                            |  |   | _               | REMOVED                   | y∉ S            |
| 30-37037  | THESET ROCK                       | 39/360                     | =  | -   | 2000            | INSTALLED                 | YES             |
| 54-37040  |                                   | <del>- '/</del>            |  | _   | T               | REMOVED                   | YES             |
| 33-37070  | TARBET ROCK                       | 38/339                     |  | -   | 2000            | INSTALLED                 | YES             |
|   |                                   |                            |  |   |                 |                           |                 |
| 1   |                                   |                            |  |   |                 | <u> </u>                  |                 |
|   | <u> </u>                          | J                          |  |   |                 |                           |                 |
| 7 Description of                                      | Work REPLA                        | ICED VALU                  | ES.  |   |                 |                           |                 |
| /. Description of                                     | AAOIK                             |                            |  | · · · · · · · · · · · · · · · · ·         |                 |                           |                 |
| O Tanta Candina                                       | ed: Hydrostatic                   | Pneumatic 🗆                | Nominal Or                                   | perating Pressure 🕱                       | Exempt          | ,                         |                 |
| 8. Tests Conduct                                      | eu. nyurostatic 🗆                 | i neumane 🗅                | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,      |   | •               | ,                         |                 |
|   | Other 🗆                           | Proceura 2235              | nsi Testi                                    | Temp. <u>547</u> °F                       |                 |                           |                 |
|   | Other L                           | FICOSUIC F                 | psi 105t                                     |   |                 |                           |                 |

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8\frac{1}{2}$  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 number of sheets is recorded at the top of this form.

(7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

| 9. Remarks REPAIR / REPLACEMENT PLAN FILMED UNDER 0004470.  |
|---|
| Applicable Manufacturer's Data Reports to be attached   |
| Applicable Manufacturer's Data Reports to be attached  ANII NOTIFICATION PRIOR TO THE REPLACEMENT OID NOT OCCUR.  |
| THIS NON-CONFORMANCE IS BEING ADDRESSED PER CONDITION   |
| REPORT 20010709.  |
|   |
|   |
|   |
|   |
| <u> </u>  |
|   |
|   |
| CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.   |
| Type Code Symbol Stamp  |
| Certificate of Authorization No. N/A Expiration Date N/A  |
| Certificate of Authorization No Expiration Date N/A Expiration Date N/A Signed R.S. Lillo ASME PROGRAM ENGR. Date 5-4 OI 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 HSB T+T C1.  of Hart fund, CT have inspected the components described in this Owner's Report during the period 5/9/01 to 5/9/01 , and state that                                 |
| in this Owner's Report during the period $\frac{5/9/61}{}$ to $\frac{5/9/61}{}$ 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.  |
| Commissions NB 1/872 ANT, MN 03960U-CO Inspector's Signature  National Board, State, Province, and Endorsements   |
|   |
| Date  |

| 1. Owner    | Xce/           | Energy Nam   | •   | , , <u>,</u>                           | Date 5/01/01   |                            |   |  |
|-------------|----------------|--|---|--|--|----------------------------|---|--|
| 17/         | 17 W           | akonade Dr.  | E. Wolch, MI                                  | V 55089                                | Sheet/   | of                         |   |  |
| 2. Plant .  | Prairi<br>some | e (sland Nam   |   |  | Date <u>5/01/01</u> Sheet/  Unit/  W-099                   | 0857                       | /<br>nization P.O. No., Job No.                           | etc.                                   |
|             |                | d by <i>Owner</i> Nan                                |   | <u>.</u>                               | Type Code Symbol St<br>Authorization No<br>Expiration Date | tamp <u>V/</u>             | <u> </u>  | :                                      |
|             | ication of     | Addr<br>System <u>VC</u>                             |   | (CLASS 2                               | Expiration Date  |                            |   |  |
| 5. (a) Ap   | plicable       | Construction Code                                    | 2n48053                                       | Year                                   | Edition,   | _ Addend                   | la,   | Code Case                              |
| (c) Ap      | plicable S     | dition of Section XI ection XI Code Case Components: |   | Replacement Act                        | tivity <u>/ 98 9</u><br>Year                               |                            | ·   |  |
|             | ne of          | Name of<br>Manufacturer                              | Manufacturer<br>Serial No.                    | National<br>Board<br>No.               | Other Identification                                       | Year<br>Built              | Corrected,<br>Removed, or<br>Installed                    | ASME<br>Code<br>Stamped<br>(Yes or No) |
| <del></del> | harging        | <i>Ajax</i>  |   | _                                      | Packing assembly<br>145-043                                | _                          | Corrected   | N                                      |
|             |                |  |   |  |  |                            |   |  |
| ļ           |                |  |   |  |  |                            |   |  |
|             |                |  |   |  |  | <u> </u>                   |   |  |
|             |                |  |   |  |  |                            |   |  |
|             |                |  |   | <u> </u>                               |  |                            |   |  |
|             |                |  |   |  |  |                            |   |  |
| 7. Descr    | ription of     | Work Replace   | packing As                                    | semblies                               |  |                            |   |  |
| 8. Tests    | Conducte       | ed: Hydrostatic 🗆 -                                  | Pneumatic □                                   | Nominal Op                             | perating Pressure 🗵  | Exempt                     |   |  |
|             |                | Other □ I  | Pressure 2465                                 | _ psi Test                             | Temp. <u>/<i>36</i></u> °F                                 | (NON                       | -CODE TEST  |  |
| ite         | ems 1 thre     | ough 6 on this repor                                 | form of lists, sketcl<br>t is included on eac | nes, or drawings<br>h sheet, and (3) e | may be used, provided (*each sheet is numbered at          | i) size is 8½<br>nd number | $\frac{7}{2}$ in. x 11 in., (2) into of sheets is recorde | formation in ed at the top             |
| of          | f this form    | 1.   |   |  |  |                            |   |  |

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E00030

| 9. Remarks 💇                          | VII NOTIFICI<br>ON-CONFORME                                   | Applic                 | able Manufacturer's D | ta Reports to   | he attached                        | HE KEPL             | ACEMENT                                |
|---------------------------------------|---|------------------------|-----------------------|---|------------------------------------|---------------------|--|
| THIS NO                               | MAL-CONCENDMA   | 24/ <i>C&amp;</i> /5 & | 100000000000          | 144 / 100 / 144 / | /                                  | 1 C M 1 =           |  |
| 17773 711                             | 314 - CON P CACIFIE   | WCE /3 //              | COICE SS CE           | 1 ///   | LONGITION                          | REPORT              | 2001070                                |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   |                        |                       | <del></del>   |                                    | ·                   | ·                                      |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       | <u> </u>  |                        |                       | <del> </del>  |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       | <del></del>   |                        | ·                     | · · · · · · · · · · · · · · · · · · ·   |                                    | ***                 |  |
|                                       |   |                        |                       |   |                                    | • •                 |  |
| · · · · · · · · · · · · · · · · · · · |   |                        |                       | ~~~~  |                                    |                     | <u> </u>                               |
|                                       |   |                        |                       | •   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     | ······································ |
|                                       |   |                        |                       |   | •                                  |                     |  |
|                                       |   |                        |                       |   | -                                  |                     | · · · · · · · · · · · · · · · · · · ·  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   |                        | •                     |   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   |                        | RTIFICATE OF COM      |   |                                    |                     |  |
| I certify that                        | the statements made in  | the report are corre   | ect and that this con | forms to th   | e requirements of the              | ne ASME Code, S     | Section XI.                            |
|                                       |   | 110                    |                       |   |                                    |                     |  |
| Type Code Syml                        | bol Stamp   | 7#                     |                       |   |                                    |                     |  |
|                                       |   | ./2                    |                       |   | /.                                 |                     |  |
| Certificate of Aut                    | thorization No  | 1/4                    | Expiration Date       |   | WIA                                |                     |  |
| 21                                    | 1) 200  | PROGRAM EN             |                       |   |                                    |                     |  |
| Signed K. K.                          | William, ASME   | PROGRAM EN             | <b>'C.P.</b> Date     | 5-4   | ·                                  | 01                  |  |
|                                       | Owner or Owner's Desi   | ignee, Title           |                       |   | ,                                  |                     |  |
|                                       | <del></del>   |                        |                       |   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |
|                                       |   | CERTIFIC               | ATE OF INSERVICE      | INSPECTIO   | N                                  |                     |  |
| I, the undersi                        | igned, holding a valid co                                     |                        |                       |   |                                    | enactors and the S  | Stata or Bravinsa                      |
| of Minnesot                           | and employed  | by HSB IdI             | = C.                  | or bonor an   | a 1 1033010 ¥63361 [[]             | spectors and the a  | otate of Province                      |
| ., .,                                 | •   | •                      |                       |   | h !                                |                     |  |
| in this Owner's F                     | ス・CT<br>Report during the period<br>r knowledge and belief, t | 5/4/4                  | <del></del>           | to5   | nave insp                          | ected the compo     | nents described                        |
| to the best of my                     | knowledge and belief, t                                       | he Owner has norfe     | rmed evaminations     | to  | 7978)                              | d                   | _, and state that                      |
|                                       | th the requirements of t                                      |                        |                       | and taken   | corrective measures                | described in this   | Owner's Report                         |
| By signing th                         | nis certificate neither the                                   | Inspector nor his en   | nplover makes anv v   | varranty, ex  | pressed or implied                 | concerning the ex   | vaminations and                        |
| corrective measu                      | ires described in this Ovi                                    | vners Report. Furthe   | ermore, neither the   | aspector a  | or his employer shall              | ll be liable in any | manner for any                         |
| personal injury o                     | r property damage or a  | loss of any kind ari:  | sing from or connec   | ted with th   | is inspection.                     | o                   |  |
| / 1/2                                 |   |                        |                       |   | •                                  |                     |  |
| _00                                   | 1   | Commission             | s NB 11872            | ANI   | MN 039600<br>vince, and Endorsemen | -co                 |  |
| Ins                                   | pector's Signature  |                        | National Boa          | d, State, Pro   | vince, and Endorsemer              | nts                 |  |
| Date 5/4/                             | 1/1   |                        |                       |   |                                    |                     | ı                                      |
|                                       | ,,  | _                      |                       |   |                                    |                     |  |
|                                       |   |                        |                       |   |                                    |                     |  |

| 1 Owner Xcel                             | Energy                                       |   |                                       | Date 5/01/01   |                            |  | •                                      |
|--|--|---|---------------------------------------|--|----------------------------|--|--|
| 1717 W                                   | Nar<br>Okonade Dr.                           | E. Wolch, MI                                  | V 55089                               | Sheet  |                            |  |  |
| 2. Plant Frair                           | Energy Ner Ockonade Dr. Addr ic (sland) Ner  | ess '   |                                       | Unit/  |                            |  | •                                      |
| Some                                     | Addı   |   |                                       | W.O, Repair/Rep                                      | 9908<br>dacement Orga      | 822<br>Inization P.O. No., Job No.                     | o., etc.                               |
| 3. Work Performe                         | ed by Owner Nam                              | ne  |                                       | Type Code Symbol St<br>Authorization No              | NA                         |  |  |
| same                                     | Add  |   |                                       | Expiration Date                                      | <u>va</u>                  |  | <del></del>                            |
| 4. Identification o                      |  |   | CLASS 2)                              | Edition,   |                            |  |  |
|  | Companyation Cod                             | specification 244053                          |                                       | Edition  | Adden                      | da.  | Code Case                              |
| (b) Applicable                           | Edition of Section XI<br>Section XI Code Cas | Utilized for Repair/                          |                                       |  |                            |  |  |
| Name of<br>Component                     | Name of<br>Manufacturer                      | Manufacturer<br>Serial No.                    | National<br>Board<br>No.              | Other Identification                                 | Year<br>Built              | Corrected,<br>Removed, or<br>Installed                 | ASME<br>Code<br>Stamped<br>(Yes or No) |
| 17 Charging<br>Pump                      | tiax   |   | _                                     | Packing Assembly<br>145-042                          |                            | Corrected  | N.                                     |
|  |  |   |                                       |  |                            |  |  |
|  |  |   |                                       |  |                            |  |  |
|  |  |   |                                       |  |                            |  |  |
|  |  |   |                                       |  |                            |  |  |
|  |  |   |                                       |  |                            |  |  |
|  | Work Replace                                 | Anchine As                                    | semblies                              |  | <u> </u>                   |  |  |
| 7. Description of                        | Work 1) Epince                               | packing H                                     | SCHINIX                               |  |                            |  |  |
| 8. Tests Conduct                         | ted: Hydrostatic □                           |   |                                       | perating Pressure 🛭                                  | Exempt                     |  | _                                      |
|  | Other 🗆                                      | Pressure 3465                                 | psi Test                              | Temp°F   | (NON                       | '-CODE TES   | ( T                                    |
| NOTE: Suj<br>items 1 the<br>of this fore | rough 6 on this repo                         | form of lists, sketc<br>rt is included on eac | hes, or drawings<br>th sheet, and (3) | may be used, provided (<br>each sheet is numbered at | 1) size is 81<br>nd number | $\frac{1}{2}$ in. x 11 in., (2) in of sheets is record | formation in<br>ed at the top          |
|  |  | tained from the Order                         | Dept., ASME, 22 La                    | w Drive, Box 2300, Fairfield, N                      | NJ 07007-230               | ю.   |  |

109

| 9. Remarks ANII NOTIFICATION OID NOT TAKE PLACE PRIOR TO THE Applicable Manufacturer's Data Reports to be attached  |
|---|
| Applicable Manufacturer's Data Heports to be attached  PEDIACEMENT: THIS MOVE CONFERM AND |
| REPLACEMENT. THIS NON-CONFORMANCE IS NOCUMENTED IN  |
| CONDITION REPORT 20010709.  |
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|   |
| CERTIFICATE OF COMPLIANCE   |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.   |
| Type Code Symbol Stamp  |
|   |
| Certificate of Authorization No   |
| 21/201  |
| Signed K.B. Willad ASME PEDGRAM ENGR. Date 5-4 01   |
| 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 Caste on Business  |
| of 10 minutes of 4 and employed by HSB LAL Cy.  |
| of Hartfurd, CT have inspected the components described in this Owner's Report during the period 5/4/61 to 5/4/6), and state that   |
| in this Owner's Report during the period 5/4/61 to 5/4/6) , 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 event and any   |
| 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.  |
| All usons all series  |
| Commissions   NB   1872 ANT   MN 035600 - Co  |
| Date 5/4/01   |
| Date  |

| 1. Owner Xce/         | Energy                                      |                            |                          | Date 5/01/01  | · .  |  |  |
|-----------------------|---|----------------------------|--------------------------|---|--|--|--|
| 1717 W                | Name of Dr.                                 | ne<br>E. Wolch, Mi         | V 55089                  | Sheet/  | of   |  |  |
| 2. Plant Frair        | ie Island                                   | ess                        |                          | Date <u>5/01/01</u> Sheet/  Unit/                   | •  |  | ,                                      |
| Same                  |   |                            |                          | W.O. OO   | 04342  | <u>-</u>                               |  |
| 70 911                | Addı  |                            |                          |   |  |  |  |
| 3. Work Performs      | ed by Owner Nam                             | ne                         |                          | Type Code Symbol S Authorization No Expiration Date | tamp   | 3                                      |  |
| same                  |   |                            |                          | Authorization No. —— Expiration Date ——             | VA   |  |  |
|                       | Addı  |                            |                          |   |  |  |  |
| 4. Identification o   | of System VC                                | (CL)                       | 455 Z)                   |   |  |  |  |
| E Io) Applicable      | Construction Cod                            | SPECITICATION  ON 48053    |                          | Edition,  | Adden  | da,                                    | Code Case                              |
|                       |   |                            |                          |   |  |  |  |
| (b) Applicable        | Edition of Section XI                       | Utilized for Repair/       | Replacement Ac           | tivity /989<br>Year                                 |  |  |  |
| (a) Amuliachia (      | Section XI Code Case                        |                            |                          |   |  |  |  |
| (c) Applicable :      | Section At Code Case                        | <del></del>                |                          |   |  |  |  |
| 6. Identification of  | of Components:                              |                            |                          |   |  |  |  |
| Name of               | Name of<br>Manufacturer                     | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification                                | Year<br>Built                                    | Corrected,<br>Removed, or<br>Installed | ASME<br>Code<br>Stamped<br>(Yes or No) |
| Component 13 Charging | 15TX  | -                          |                          | Packing Issently<br>145-043                         |  | Corrected                              | N                                      |
|                       |   |                            |                          |   |  |  |  |
|                       |   |                            |                          |   | -  |  |  |
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|                       |   |                            |                          |   | <del>                                     </del> |  |  |
|                       |   |                            |                          |   | <u> </u>   |  | 1                                      |
| 7. Description of     | Work Replace                                | packing As                 | semblies                 |   |  |  |  |
|                       |   | Pneumatic                  | Nominal O                | perating Pressure 🗵                                 | Exempt   |  |  |
| 8. Tests Conduct      | ted: Hydrostatic □                          | Pneumatic L                |                          | . •   | •  |  |  |
|                       | Other                                       | Pressure 2465              | psi Test                 | Temp. <u>/<i>30</i> </u> ∘F                         | (/   | VON- CODE 7                            | EST                                    |
| NOTE: C               | nnlamantal chaota in                        | form of lists sketch       | nes or drawings          | may be used, provided (                             | 1) size is 8¹                                    | ⁄ <sub>2</sub> in. x 11 in., (2) in    | formation in                           |
| items 1 th            | ppiememai sneets in<br>rough 6 on this repo | rt is included on eac      | h sheet, and (3)         | each sheet is numbered a                            | nd number  | of sheets is recorde                   | ed at the top                          |
| of this for           |   |                            |                          |   |  |  |  |
| (7/99) This fo        | rm (E00030) may be ob                       | tained from the Order I    | Dept., ASME, 22 La       | w Drive, Box 2300, Fairfield, I                     | NJ 07007-230                                     | ю.                                     |  |

| Remarks ANII NOTIFICATION DIO NOT TAKE PLACE ARIOR TO THE  |
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| Applicable Manufacturer's Data Reports to be attached  REPLACEMENT. THIS NON-CONFORMANCE IS ADDRESSED IN   |
| REPLACEMENT. 1415 NON-LONFORMANCE 15 ADDRESSED IN  |
| CONDITION REPORT 20010709.   |
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| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| , and the Admit code, Section XI.  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No Expiration Date K/A  |
| Certificate of Authorization NoN/AExpiration DateN/ASigned R.B. William, ASME PROGRAM ENGR. Date5-401  |
| Signed K.B. William, ASME PROGRAM ENGR. Date 5-7   |
| Owner or Owner's Designee, Title   |
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|  |
| CERTIFICATE OF INSERVICE INSPECTION  |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Provinc of Minnesota and employed by HSB TAT G.  |
| of Hartfird, CT  |
| of Hartfield, CT in this Owner's Report during the period 5/4/61 to 5/4/64 to 5/4/64 to 5/4/64 and state that  |
| to the best of my knowledge and belief the Owner has performed even in the best of my knowledge and belief the Owner has performed even in the control of the control of the owner has been described as a state that the control of th |
| 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 exercises 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.   |
| (XXX)  |
| Inspector's Signature Commissions NB 11872 ANI MN 039600-Co National Board, State, Province, and Endorsements  |
| National Board, State, Province, and Endorsements  |
| Date 5/4/01  |
|  |

| 1. Owner Xcel Energy  17/7 Wakenede Dr. E. Welch, MN, 55089  2. Plant Prairie (sland)  Name  Same  Address  Address  Work Performed by Iwner  Address  Address  Address  Type Code Symbol Stamp NA  Authorization No. NA  Expiration Date  Address  4. Identification of System VC  Address  (CLASS 2)  Specification  5. (a) Applicable Construction Code 2n48053, Year  (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989  (c) Applicable Section XI Code Cases   | o, Job No., etc.      |
|--|-----------------------|
| Address  Address  Repair/Replacement Organization P.O. No  Repair/Replacement Organization P.O. No  Type Code Symbol Stamp  Authorization No.   Authorization No.   Expiration Date  Address  4. Identification of System   CCASS Z  Specification  Specification  Specification  Specification  Year  (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity   1989  Year  | o., Job No., etc.     |
| Address  Address  Repair/Replacement Organization P.O. No  Repair/Replacement Organization P.O. No  Type Code Symbol Stamp  Authorization No.   Address  Address  Address  Address  (CCASS Z)  Specification  Specificat | o., Job No., etc.     |
| Address  Address  Repair/Replacement Organization P.O. No  Repair/Replacement Organization P.O. No  Type Code Symbol Stamp  Authorization No.   Address  Address  Address  Address  (CCASS Z)  Specification  Specificat | o., Job No., etc.     |
| 3. Work Performed by Name  Name  Name  Authorization No. NA  Expiration Date  Address  4. Identification of System VC (CLASS Z)  Specification  Specificatio |                       |
| Name  Name  Name  Authorization No.  Sanc  Address  Address  Address  Address  Address  CCASS Z  Specification  |                       |
| Address  Address  Address  Address  Address  (CLASS Z)  Specification  Specification  (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989  Year   |                       |
| Address  4. Identification of System VC (CCASS Z)  Specification  5. (a) Applicable Construction Code 2n48053, Pear Edition, Addenda, Year  (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989  Year   |                       |
| Address  4. Identification of System VC (CCASS Z)  Specification  5. (a) Applicable Construction Code 2n48053, Pear Edition, Addenda, Year  (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989  Year   |                       |
| (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity /989   |                       |
| (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity /989   |                       |
| (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity /989   | - Code Casi           |
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| (c) Applicable Section XI Code Cases   | •                     |
| tel Abbitegnie oceiteit vi ooge oceo   |                       |
|  |                       |
| 6. Identification of Components:   | <u> </u>              |
| National Correct   | ASME<br>ced. Code     |
| Name of Name of Manufacturer Board Year Remove   | d, or Stamped         |
| Component Manuactures Serial No. 10. Dackies Associated Coccess  |                       |
| Page   flax -   145-043  | ed No                 |
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| 7. Description of Work Replace packing Assemblies  |                       |
| R. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure 🗵 Exempt □  |                       |
| . Total defination, drought  |                       |
| Other Pressure 3465 psi Test Temp. 136 °F (NON-CODE  | TEST)                 |
| · ·  |                       |
| 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 number of sheets is   | recorded at the top   |
| of this form.  |                       |
| (7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.  | ********              |

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| 9. Remarks ANII NOTIFICATION DID NOT TAKE PLACE PRIOR TO THE   |
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| Annitable Manufactured Date Daniel Anni  |
| REPLACEMENT. THIS NON-CONFORMANCE IS DOCUMENTED IN   |
| CONDITION REPORT 20010709.   |
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| CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.   |
| Type Code Symbol Stamp   |
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| Certificate of Authorization NoN/AExpiration DateN/A  Signed R.B. William ASME PROGRAM ENGR. Date5-4   |
| Signed K.B. W. Class. ASME PROGRAM ENGR. Date 5-4 01  Owner or Owner's Designee, Title   |
| Owner or Owner's Designee, Title   |
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| CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province  |
| of 1 linnes 174 and employed by FISK F47 (1)   |
| of Hartford, CT  in this Owner's Report during the period 5/4/61  to 5/4/6)  have inspected the components described to 5/4/61  and state that   |
| in this Owner's Report during the period 5/4/61 to 5/4/6) , and state that   |
| 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 expressions 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. |
|  |
| Inspector's Signature Commissions NB 11872 GNI, MN035600-C0  National Board, State, Province, and Endorsements   |
| Inspector's Signature National Board, State, Province, and Endorsements  |
| Date,  |

| 1 Owner Nucl                  | EAR MAN                 | AGEMENT                                       | Co                                      | Date 2-/2.   | -01                    |   |  |
|-------------------------------|-------------------------|---|---|--|------------------------|---|--|
| 1717 WA                       | KONADE DA               | AGEMENT<br>THE<br>L. E., WELL                 | CH, MN                                  | Sheet/   | of                     | 2   |  |
|                               |                         | ress<br>Jap                                   |   |  |                        | <u> </u>  |  |
|                               | ,                       |   |   |  | ER                     | 0006689   | 7                                      |
| SAME                          | Add                     | ress  |   | WORK ORO Repair/Repi                                   | acement Org            | anization P.O. No., Job No.,                                  | etc.                                   |
|                               |                         | ENGP  |   | Type Code Symbol St                                    | amp                    | NIA   |  |
| 3. Work renormed              | Nai                     | me  |   | Type Code Symbol St<br>Authorization No                |                        | NIA   | :                                      |
| SAME                          | Add                     |   |   | Expiration Date  |                        | NIA   |  |
|                               | ,                       |   | (01.155                                 | <b>z</b> )   |                        |   |  |
| 4. Identification of          | O y 3 (0111             |   |   | <del></del>  |                        |   |  |
|                               |                         | Utilized for Repair                           |   | Edition,   | _ Adden                | da,   | Code Cas                               |
|                               | ection XI Code Cas      | es  |   | Year   |                        |   |  |
| Name of<br>Component          | Name of<br>Manufacturer | Manufacturer<br>Serial No.                    | National<br>Board<br>No.                | Other Identification                                   | Year<br>Built          | Corrected,<br>Removed, or<br>Installed                        | ASME<br>Code<br>Stamped<br>(Yes or No) |
| CV-3/325                      | COPES-<br>VULCAN        |   | _                                       | LETODWN ORIFICE  |                        | CORRECTED   | No                                     |
| CV-3/326<br>STUD              | COPES-<br>VULCAN        |   | _                                       | ISOLATION  |                        | CORRECTED   | No                                     |
| CV-3/327                      | COPES-<br>VULCAN        |   | _                                       | VALVES   |                        | CORRECTED   | No                                     |
|                               |                         |   |   |  |                        |   |  |
|                               |                         |   |   |  |                        |   |  |
|                               |                         |   | Part term                               |  |                        |   |  |
|                               | R * P L                 | ACV VALV                                      | BONNET<br>BL. STUD                      | S AND NI   | TS.                    | MACHINE O   | SASKET                                 |
| 7. Description of \           | Work                    | 1102 111-1                                    | <u> </u>                                |  |                        | 50  | IRFACE.                                |
| 8. Tests Conducte             | ed: Hydrostatic         | Pneumatic 🗆                                   | Nominal Op                              | perating Pressure 6                                    | Exempt 🗆               |   |  |
|                               |                         | 2280  |   |  |                        | ·   |  |
| items 1 thro                  | ough 6 on this repo     | form of lists, sketch<br>t is included on eac | hes, or drawings<br>th sheet, and (3) e | may be used, provided (1)<br>each sheet is numbered an | size is 81<br>d number | $\frac{1}{2}$ in. x 11 in., (2) info<br>of sheets is recorded | rmation in<br>at the top               |
| of this form (7/99) This form |                         | ained from the Order                          | Dept., ASME, 22 Lav                     | w Drive, Box 2300, Fairfield, N.                       | J 07007-230            | ю.  |  |

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| e. Remarks   |  | App  | licable Manufacturer's   | Data Reports to be atta  | ched  |                                       |               |
|--|--|--|--|--|---|---------------------------------------|---------------|
| DESIGN   | CHANGE   | SPCE-M   | 1E-0483  | DOCUMENT   | ENS PRIOR CHANGE  | 5 70                                  | VALVES        |
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| BY MAC   | HINING.  |  |  |  |   | · .                                   |               |
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| Type Code Symbo  | l Stamp  | N/A<br>N/A<br>E PEOGRAM E  |  |  | rements of the ASME   |                                       |               |
|  |  |  |  |  |   |                                       |               |
|  | 1  |  | ICATE OF INSERVI   |  |   |                                       |               |
| i, the undersign   | nea, noiding a valid (   | iommission issued i<br>the #53 I+1   | by the National Boa<br>C.C.  | rd of Boiler and Pressi  | re Vessel Inspectors a  | nd the Stat                           | e or Province |
| of Hectfield   | , ct   | 2 by   |  |  | have inspected the  | componer                              | nts described |
| in this Owner's Re   | port during the perio  | d 1/10/01  |  | to 5/9/01  | have inspected the  | а                                     | nd state that |
| to the best of my k in accordance with By signing this corrective measure personal injury or | mowledge and belief<br>the requirements of<br>certificate neither the<br>es described in this of<br>property damage or | , the Owner has pe<br>f the ASME Code, S<br>e Inspector nor his<br>Owner's Report. Fur<br>a loss of any kind a | rformed examination Section XI. Section XII. Secti | ons and taken correcting warranty, expressed the Inspector nor his enected with this inspe | ve measures described<br>I or implied, concernin<br>mployer shall be liable<br>ction. | in this Ow<br>g the exam<br>in any ma | ner's Report  |
| 00   |  | Commissio  | ons NB 11872   | ANI, MN 03   | 6600 - CO<br>d Endorsements   |                                       |               |
|  |  |  | National E   | Board, State, Province, ar   | d Endorsements  |                                       |               |
| Date 5/4/01  | ,  | <del></del>  |  |  |   |                                       |               |

| (c) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989  (c) Applicable Section XI Code Cases  | 1717 WA           | CLEAR MANN<br>Nam<br>KONAOE DR.<br>Addre      | E., WELCO            | 9, 1914    | Date/                |          |             |           |
|---|-------------------|---|----------------------|------------|----------------------|----------|-------------|-----------|
| Work Performed by PINGP Address Work Performed by PINGP Anne Authorization No. W/A  SAME Address Identification of System VC (CLASS I)  (a) Applicable Construction Code B3 .1 , 1967 Edition, Addenda, Code C(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989  (c) Applicable Section XI Code Cases  Identification of Components:  Name of Name of Manufacturer Serial No.  Name of Component Components:  Name of WALUE COPES— WALUE COPES— WILLIAM COPES— WILLIAM COPES— WILLIAM NO.  NO.  NO.  NO.  NO.  NO.  NO.  NO. | Plant             | PIN   | a P                  | <u></u>    |                      |          |             |           |
| Work Performed by PINGP Name  Address  Address  Identification of System  (a) Applicable Construction Code  (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity  (c) Applicable Section XI Code Cases  Identification of Components:  Name of Component  Name of Manufacturer Serial No.  Name of Manufacturer Serial No.  No.  Other Identification  ACV-3/329  INSTRALED  NO  NO  NO  NO  NO  NO  NO  NO  NO  N   |                   |   |                      |            | WORK OR              | OER      | 991228      | 3,000     |
| Identification of System  | Marie Danfaumon   |   |                      |            | Type Code Symbol St  | tamn     | ~/A         | eic.      |
| Identification of System  |                   | Nam   | ie .                 |            | Authorization No.    | <i>-</i> | N/A         |           |
| (a) Applicable Construction Code 631.1 , 1997   | SAME              | Addre   | 255                  |            | Expiration Date      |          | N/A         | <u> </u>  |
| (a) Applicable Construction Code 631.1 , 1997   | Identification of | System  | . (                  | CLASS I    | )                    |          |             |           |
| Name of Component Name of Manufacturer Serial No.  Name of Component Manufacturer Serial No.  No.  Other Identification Year Built Stamped (Yes or No)  No.  Other Identification Pault Stamped Stamped (Yes or No)  No.  CV-3/329  REMOVED NO.  NO.  NO.  Other Identification Pault Stamped Installed (Yes or No)  NO.  NO.  NO.  NO.  NO.  NO.  NO.  NO  | (b) Applicable E  | Edition of Section XI<br>Section XI Code Case | Utilized for Repair/ | 1001       | _                    | _ Adden  | da,         | Code Case |
| VALUE COPES- VALUE COPES- VALUE VULCAN  CV-3/329  INSTALLED NO  CV-3/329  INSTALLED NO  |                   |   |                      | Board      | Other Identification |          | Removed, or | Code      |
| THE VULCAN - CV-3/329 INSTALLED NO  | AUY SPRAY         | Copes-vulcar                                  |                      |            | CV-31329             |          | REMOVED     | No        |
| PRPLACE AUX SPRAY VALVE   | AUX SPERY         | 1 . 1   |                      | _          | CV-3/329             |          | INSTALLED   | Nö        |
| PRPLACE AUX SPRAY VALVE   |                   |   |                      |            |                      |          |             |           |
| PRPLACE AUX SPRAY VALVE   |                   |   |                      |            |                      |          |             |           |
| PRPLACE AUX SPRAY VALVE   | <u></u>           |   |                      |            |                      |          |             |           |
| Description of Work   |                   | Work REF                                      | LACE A               | 14 SPRA    | YVALVE               |          |             |           |
| Tests Conducted: Hydrostatic ☑ Pneumatic □ Nominal Operating Pressure □ Exempt □  | Description of    |   | /                    |            | acceting Decoure []  | Fxemnt ∏ |             |           |
| Other Pressure 2280 psi Test Temp. 547 °F   | Description of V  | ed: Hydrostatic                               | Pneumatic            | Nominal Or | eraung riessure 🔾 💢  | pe -     |             |           |

(7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

E00030

| 9. Remarks WELD PSI PER IWA-7530.  |
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| Applicable Manufacturer's Data Reports to be attached  |
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| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization NoN/AExpiration DateN/A  Signed R.B. Willow, ASME PLOGRAM ENGR. Date 5-3, 0/  |
| Signed R.B. William ASME PROGRAM ENGR. Date 5-3  |
| 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 and employed by  |
|  |
| in this Owner's Report during the period 1/19/01 to 5/4/01 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. |
|  |
| Inspector's Signature Commissions N8 11872 ANE, MN039600-Co National Board, State, Province, and Endorsements  |
| Date 5/4/61  |
| ,  |

| 1. Owner XCE          | 1 Energy                |                            |                          | Date 5/1/01   |               |  |                                |
|-----------------------|-------------------------|----------------------------|--------------------------|---|---------------|--|--------------------------------|
| 1717 W                | akonade Dr.             | ne<br>E, Wolch MN,         | 55089                    | Sheet/  | _ of2         |  |                                |
| 2. Plant <u>Frair</u> | in Island               | ress                       |                          | Date <i>5/1/e1</i> Sheet/                             |               |  |                                |
|                       | Nai<br>Add              |                            |                          | W.O. # 99<br>Repair/Re                                |               |  |                                |
| 3. Work Perform       | ed by Owner Na          |                            |                          | Type Code Symbol S                                    | Stamp         | 4                                      |                                |
| Some                  | Add                     | ress                       |                          | Authorization No                                      | NA            |  |                                |
| 4. Identification of  | of System <u>Vc</u>     | SPECIFICA                  | TON (CLA                 | ss 2)   |               |  |                                |
| 5. (a) Applicable     | Construction Cod        | am 48053                   | Year                     | Edition,  | Adden         | da,                                    | Code Cas                       |
|                       | Edition of Section X    |                            | Replacement Ac           | tivity <u>87</u><br>Year                              |               |  |                                |
|                       | Section XI Code Cas     | es                         |                          |   |               |  |                                |
| 6. Identification of  | of Components:          | I                          |                          | <u> </u>  | ï             | 1                                      | ASME                           |
| Name of Component     | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification                                  | Year<br>Built | Corrected,<br>Removed, or<br>Installed | Code<br>Stamped<br>(Yes or No) |
| 13 Charging           | Ajax                    |                            |                          | Packing Assemplies<br>145-043                         | _ ,           | Corrected                              | No                             |
| ļ                     |                         |                            |                          |   |               |  |                                |
|                       |                         |                            | :                        |   |               |  |                                |
|                       |                         |                            |                          |   |               |  |                                |
|                       |                         |                            |                          |   |               |  |                                |
|                       |                         |                            |                          |   |               |  |                                |
| 7. Description of     | Work replace            | 2 packing as               | sempling                 |   |               |  |                                |
| 8. Tests Conduct      | ed: Hydrostatic         | Pneumatic                  | Nominal O                | perating Pressure 🗗                                   | Exempt 🗷      | (NON-600)                              | E TEST)                        |
|                       | Other 🗀 📑               | Pressure 7485              | _ psi Test               | Temp. <u>/30</u> °F                                   |               |  |                                |
|                       | ough 6 on this repor    |                            |                          | may be used, provided (1<br>each sheet is numbered ar |               |  |                                |
| (7/99) This for       | m (E00030) may be obt   | ained from the Order D     | Dept., ASME, 22 La       | w Drive, Box 2300, Fairfield, N                       | IJ 07007-2300 | D.                                     |                                |

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| 9. Remarks <u>ANII WAS NOT</u><br>NON CONFORMANICE 1.                                     | NOTIFIED PRIOR TO                        | THE REPLACE                        | EMENT, THIS   |
|---|--|------------------------------------|---|
| AMNONFORMANCE I   |  | a Reports to be attached           | MAT 10010700  |
| 10014 00101   | 3 WUNTERLINE FIX                         | DUNG STRUCT                        | WILL SUUT O 10 7.   |
|   |  |                                    |   |
|   |  |                                    |   |
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|   |  | ,                                  |   |
|   | 7.17.44                                  | <del></del>                        |   |
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|   |  |                                    |   |
|   | CERTIFICATE OF COM                       | DI IANCE                           |   |
| I certify that the statements made in th  |  |                                    | he ASMF Code, Section XI  |
|   | /  |                                    | no nome oddy oddion XI.   |
| Type Code Symbol Stamp  | <u>A</u>                                 |                                    |   |
|   | Expiration Date                          | /1                                 |   |
| Certificate of Authorization No.  | Expiration Date _                        | N IN                               |   |
| Signed R.B. William, ASME P.  | ROGRAM ENER. Date                        | 4-30                               | 2001  |
| Owner or Owner's Design   | ee, Title                                | ,                                  |   |
|   |  |                                    |   |
|   |  |                                    |   |
|   | OFFICIAL OF MARKET                       |                                    |   |
| 1 the undersigned holding a valid com-  | CERTIFICATE OF INSERVICE I               |                                    |   |
| I, the undersigned, holding a valid common of Mignes of a and employed by                 | HSB $I+I$ $\ell_0$ .                     | f Boiler and Pressure Vessei ins   | spectors and the State or Province                                    |
| of Hartford, CT   |  | have inst                          | certed the components described                                       |
| in this Owner's Report during the period  | 5/2101                                   | to 5/2/d/                          | and state that  |
| to the best of my knowledge and belief, the   | : Owner has performed examinations a     | and taken corrective measures      | described in this Owner's Report                                      |
| in accordance with the requirements of the<br>By signing this certificate neither the Inc | ASME Code, Section XI.                   | arrant: aunressed or implied       |   |
| corrective measures described in this Owner   | er's Report. Furthermore, neither the Ir | aspector nor his employer shall    | concerning the examinations and<br>If he liable in any manner for any |
| personal injury or property damage or a lo  | ss of any kind arising from or connect   | ed with this inspection.           | in bo habit in any manina for any                                     |
| ( ) ( ) ( )   | 1/2 452 0 4 4                            |                                    |   |
| Inspector's Signature   | Commissions NB 11872 AN-                 | E MIN 039600-00                    |   |
| Date 5/2/0/   | National Doals                           | I, State, Frovince, and Endorsemen | nts   |
| Date  |  |                                    |   |
|   |  |                                    |   |

| 1.  | Addr  | ess                      |                   | Date                          |             |                           |                 |
|---|---|--------------------------|-------------------|-------------------------------|-------------|---------------------------|-----------------|
| Plant PRAI                                  | IRIE ISLAN<br>Nan                                 | <i>LD / U.G. /</i><br>ne | <u></u>           | Date 2-/- Sheet/              |             |                           |                 |
| 1717 WA                                     | KONADE DR.  | E., WELCH,               | MM                | WORK OR Repair/Re             | DER C       | 0/00393                   | etc.            |
|   |   | _                        |                   |                               |             | 1/4                       |                 |
| work Performe                               | d by OWNE   | ne                       |                   | Authorization No              |             | IA                        |                 |
|   | Addr  |                          |                   | •                             |             |                           |                 |
| identification of                           | f SystemFEC                                       | ED WATER                 | <u>(Cl</u>        | ASS Z)                        |             |                           |                 |
| (a) Annlicable                              | Construction Cod                                  | e <i>B31.1</i>           | 1967              | Edition,                      | Addend      | da,                       | Code Cas        |
|   |   |                          |                   |                               |             |                           |                 |
| b) Applicable E                             | Edition of Section XI                             | Utilized for Repair/     | Replacement Act   | ivity Year                    |             |                           |                 |
| c) Applicable S                             | Section XI Code Case                              | es                       |                   |                               |             |                           |                 |
|   | f Campananto                                      |                          |                   |                               |             |                           |                 |
| Identification of                           | r Components:                                     | <del>,</del>             |                   |                               | <del></del> | T                         | ASME            |
|   | Na  | Manufacturar             | National<br>Board |                               | Year        | Corrected,<br>Removed, or | Code<br>Stamped |
|   | Name of   | Manufacturer ·           | No.               | Other Identification          | Built       | Installed                 | (Yes or No)     |
| Name of<br>Component                        | Manufacturer                                      | Serial No.               | 110.              | Other recritification         | Built       | , motorite                |                 |
| Component                                   |   | Serial No.               |                   |                               | 1971        | CORRECTED                 | N               |
| Component                                   | Manufacturer                                      | Serial No.               |                   | F-8-2                         |             |                           | ~               |
| Component                                   | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
| Component                                   | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
| Component / 70 /2                           | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
| Component                                   | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
| Component                                   | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
| Component<br>W 70 12                        | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
|   | Manufacturer                                      | Serial No.               |                   |                               |             |                           | ~               |
| Component W 70 12 GG CHECK                  | Manufacturer  EDWARD                              |                          |                   | F-8-2                         |             |                           | ~               |
| Component W 70 12                           | Manufacturer  EDWARD                              |                          |                   |                               |             |                           | ~               |
| Component W 70 12 G CHECK  Description of   | Manufacturer  EDWARD                              |                          | GE PIN O          | F-8-2                         | 1971        |                           |                 |
| Component W 70 12 G CHECK  Description of   | Manufacturer  EDWARD  Work PEPLA  ed: Hydrostatic | Pneumatic                | SE PIN &          | COVER GOLTS Derating Pressure | 1971        | CORRECTED                 | E LEAK          |
| Component  W 70 12  G CHECK  Description of | Manufacturer  EDWARD  Work PEPLA  ed: Hydrostatic | CED HING                 | SE PIN &          | COVER BOLTS                   | 1971        | CORRECTED  (NON-COD       | E LEAK          |

| 9. Remarks PRESSURE RETAINING BOLTING WAS ALOT IN THE ORIGINAL Applicable Manufacturer's Data Reports to be attached   |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
| SOB SCOPE. CONSEQUENTLY THE ANII WAS NOT NOTIFIED  |
| Applicable Manufacturer's Data Reports to be attached  LOB SCOPE. CONSEQUENTLY, THE ANII WAS NOT NOTIFIED  PRIOR TO REPLACEMENT. MISSED NOTIFICATION WAS DOCUMENT  |
| IN CONDITION REPORT 20010709.  |
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| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| ,  |
| Type Code Symbol StampN/A  |
| Certificate of Authorization No Expiration Date VA   |
| Certificate of Authorization No Expiration Date V/A  |
| Signed R. B. William ASME PROGRAM ENGR. Date 4-30-01   |
| 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 Minnesots and employed by HSB IdICo   |
| nave inspected the components described I  |
| in this Owner's Report during the period   |
| 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.   |
| The state of the s |
| Commissions NB 11872 ANT MN 039600 · CO  |
| Commissions   NB   11872 ANT   MN 039600 - Co   Inspector's Signature   National Board, State, Province, and Endorsements  |
| Date   |
|  |

|                      |                         | ·                       |                                      |  | -                        |                                    |                            |
|----------------------|-------------------------|-------------------------|--------------------------------------|--|--------------------------|------------------------------------|----------------------------|
| 1. Owner Xcel        | Energy                  | ie<br>Velch, MN 550     |                                      | Date 4/27/01   |                          |                                    |                            |
| 1717 Wakono          | ade Dr. E. W            | elch, MN 550            | 89                                   | Sheet  | of J                     |                                    |                            |
| 2. Plant Prair       | Address / Sland         | 200                     |                                      | Unit MA  |                          |                                    |                            |
| 591                  | n<                      |                         |                                      | W.O. 991/0   | 192                      | anization P.O. No., Job No         |                            |
|                      | Addr                    |                         |                                      |  |                          |                                    |                            |
| 3. Work Performed    | by Owner Nan            | ne                      |                                      | Type Code Symbol Sta<br>Authorization No.<br>Expiration Date | MA NA                    |                                    | ·                          |
| Sam                  | e Addr                  | ess                     |                                      | Expiration Date  | 9'                       |                                    |                            |
| 4. Identification of |                         |                         | (CLASS :                             | Edition,   | -                        |                                    |                            |
| 5. (a) Applicable    | Construction Code       | 5-10 NA                 | Year                                 | Edition,   | Adden                    | da,                                | Code Case                  |
|                      |                         | Utilized for Repair/I   |                                      |  |                          |                                    |                            |
|                      |                         |                         | ·                                    | Year   |                          |                                    |                            |
| (c) Applicable S     | ection XI Code Case     | es                      |                                      |  |                          |                                    |                            |
| 6. Identification of | Components:             |                         |                                      |  |                          |                                    |                            |
|                      |                         |                         | National                             |  |                          | Corrected,                         | ASME<br>Code               |
| Name of<br>Component | Name of<br>Manufacturer | Manufacturer Serial No. | Board<br>No.                         | Other Identification   | Year<br>Built            | Removed, or<br>Installed           | Stamped<br>(Yes or No)     |
| Charging Pump        | Cooper                  |                         |                                      | C. ++1 014   |                          | -Actanted                          | No                         |
| Packing              | Industries              |                         | <u></u>                              | Gland Katainer Plate   |                          |                                    |                            |
|                      |                         |                         |                                      |  | ~ <del>~</del>           |                                    |                            |
|                      |                         |                         |                                      |  |                          |                                    |                            |
|                      |                         |                         |                                      |  |                          |                                    |                            |
|                      |                         |                         |                                      | WE BLANK)  |                          |                                    |                            |
|                      |                         |                         | _ ,                                  | roulf. #   |                          | ļ                                  | <u> </u>                   |
|                      |                         |                         | NO E                                 | MANK)  |                          |                                    |                            |
|                      |                         |                         |                                      | WE BU  |                          |                                    |                            |
|                      | <u> </u>                | <u> </u>                | _ (W                                 |  |                          | <u></u>                            | <u> </u>                   |
| 7. Description of    | Work <u>Refurbis</u>    | shed Packing            | <u>, S</u> ,                         | -  |                          |                                    |                            |
| 8. Tests Conducte    | ed: Hydrostatic 🗆       | Pneumatic □             | Neiat Oj                             | perating Pressure  | Exempt A                 | Ţ                                  |                            |
|                      | Other 🗆                 | Pressure                | _ psi Test                           | Temp°F   |                          |                                    |                            |
| NOTE: Sup            | plemental sheets in     | form of lists, sketch   | nes, or drawings<br>h sheet, and (3) | may be used, provided (1<br>each sheet is numbered an        | ) size is 8¹<br>d number | $\frac{1}{2}$ in. x 11 in., (2) in | formation in ed at the top |
| of this form         |                         |                         |                                      |  |                          |                                    |                            |
| (7/99) This form     | n (E00030) may be obt   | tained from the Order ( | Dept., ASME, 22 La                   | w Drive, Box 2300, Fairfield, N                              | J 07007-230              | 00.                                |                            |

123

| 9. Remarks / HE WORK PACKAGE WAS NOT ROUTED TO THE ANII PRIOR Applicable Manufacturer's Data Reports to be attached  |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
| TO BEGINNING THE WORK. THIS NONCONFORMANCE IS  |
| DOCUMENITED IN CONDITION REPORT 20010709.  |
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| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
|  |
| Type Code Symbol Stamp   |
| Certificate of Authorization NoExpiration Date   |
|  |
| Signed R.B. William ASME PROGRAM ENGADATE 4-30-01  |
| 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 HSB I + I Co.  |
| . 4.4.4  |
| nave inspected the components described  |
| in this Owner's Report during the period   |
| 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. |
|  |
| Inspector's Signature  Commissions NB 11872 ANI , MN 039600 - Co  National Board, State, Province, and Endorsements  |
| Date   |
|  |

| . Owner _XC              | el Energy<br>Nar        | ne                         |                          | Date 4/27/01 Sheet //A                              |                      |  | · · ·                                  |
|--------------------------|-------------------------|----------------------------|--------------------------|---|----------------------|--|--|
| 17/7 W                   | Vakonade Dr. B<br>Addi  | ests Welch, MV,            | 55089                    | Sheet/  | _ of <del></del> _   |  |  |
| . Plant Prairi           | e Island Nam            | na .                       |                          | Unit/A  |                      | · · · · · · · · · · · · · · · · · · ·  | •                                      |
| Samo                     | Add                     |                            |                          | W. O. 00000<br>Repair/Ret                           | 76<br>Diacement Orga | nization P.O. No., Job N               | o etc.                                 |
| . Work Performe          | ed by <i>Owner</i>      |                            |                          |   |                      | ,                                      |  |
| Same                     |                         |                            |                          | Type Code Symbol S Authorization No Expiration Date | <u> </u>             |  |  |
| . Identification of      | Addi                    |                            | (ASS Z)                  |   |                      |  |  |
| . (a) Applicable         | Construction Cod        | 5-1-01 N/A 500             | u # 2m48053              | Edition,  | Adden                | da,                                    | Code Ca                                |
|                          | Edition of Section XI   |                            |                          |   |                      |  |  |
|                          |                         |                            | riepiacement Ac          | Year  |                      |  |  |
| (c) Applicable S         | Section XI Code Case    | es                         |                          |   |                      |  |  |
| i. Identification o      | f Components:           |                            |                          |   |                      |  | _                                      |
| Name of<br>Component     | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification                                | Year<br>Built        | Corrected,<br>Removed, or<br>Installed | ASME<br>Code<br>Stamped<br>(Yes or No) |
| Changing Pump<br>Packing | Cooper<br>Industries    | _                          | ·                        | Gland Letwiner Plate                                | ٠.                   | Cornected                              | Vo.                                    |
|                          |                         |                            |                          |   |                      |  |  |
|                          |                         |                            |                          |   |                      |  |  |
|                          |                         |                            |                          |   | i e                  |  |  |
|                          |                         |                            |                          | NO EQUAP. #   |                      |  |  |
|                          |                         |                            |                          | NO EQUIT.   | `                    |  |  |
|                          |                         |                            |                          | L-AVE BLANK   | )                    |  |  |
|                          | <u></u>                 |                            |                          | (LEAT   |                      |  | <u> </u>                               |
| . Description of         | Work <u>Refurbish</u>   | ed packing Se              | <i>t</i> :               |   |                      |  |  |
| 3. Tests Conducte        | ed: Hydrostatic 🗆       | Pneumatic []               | Nominal C                | perating Pressure                                   | Exempt 🗷             |  |  |
|                          | Other □ I               | Pressure                   | _ psi Test               | Temp°F  |                      |  |  |
| NOTE: Sub                | plemental sheets in     | form of lists, sketch      | nes, or drawings         | may be used, provided (1                            | ) size is 8½         | , in. x 11 in., (2) in                 | formation in                           |
| items 1 thro             | ough 6 on this repor    |                            |                          | each sheet is numbered ar                           |                      |  |  |
| of this form             | 1.                      |                            |                          |   |                      | \$ #1111B 10111                        |  |

This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300. (7/99)

E00030

| 9. Remarks THIS REPAIR WAS PERFORMED WITHOUT PRIOR NOTIFICATION  |
|--|
| 9. Remarks THIS REPAIR WAS PERFORMED WITHOUT PRIOR NOTIFICATION  Applicable Manufacturer's Data Reports to be attached  OF THE ANII. THIS NONCONFORMANCE IS DOCUMENTED IN                |
| CONDITION REPORT 30010709.   |
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|  |
| CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp |
|  |
| Certificate of Authorization No N/A Expiration Date N/A Signed R.B.William Asme Problem ENGR. Date Date 4-30 2001 Owner or Owner's Designee, Title                                       |
|  |
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minesita and employed by HSS I4I Co.   |
| have inspected the components described in this Owner's Report during the period   |
| Inspector's Signature  Commissions NB /1872 ANT , MN 039603-Co  National Board, State, Province, and Endorsements  Date 5/0//01  |

|                                   | As                                  | Required by tr             | ie Provisions (          | of the Asiair Code, a                  | Jection /             | <b>.,</b>                              |  |
|-----------------------------------|-------------------------------------|----------------------------|--------------------------|--|-----------------------|--|--|
| 1. Owner <u>Nu</u>                | CLEAR MAN                           | AGEMENT (                  | Co.                      | Date                                   | -01                   |  |  |
|                                   |                                     |                            |                          | Sheet/                                 | of 2                  |  |  |
| 2. Plant PRA                      | OKONADE DR. Addr  IRIE ISLAM  Nen   | D N.G. F                   | ?                        | Unit/                                  |                       |  |  |
| 1717 WA                           | KONIADE DE.                         | E. WELCH                   | MN                       | WORK ORDE                              | ca Colacement Organic | 006586<br>anization P.O. No., Job No.  | , etc.                                 |
|                                   | ed by OWN                           | ER<br>ne                   |                          | Type Code Symbol S<br>Authorization No | ~                     | (A                                     | :                                      |
| SAM                               | Addr                                | rect                       |                          | Expiration Date                        |                       | <i>//</i> //                           |  |
| 4. Identification of              |                                     |                            | anet Sys                 | rem (CLA                               | ss 1)                 |  |  |
|                                   |                                     |                            |                          | Edition, WINITER                       | - Adden               | da,                                    | Code Case                              |
|                                   | Edition of Section XI               |                            | Replacement Act          | Year Year                              |                       |  |  |
| (c) Applicable  6. Identification | Section XI Code Case of Components: | es                         |                          |  |                       |  |  |
| Name of Component                 | Name of<br>Manufacturer             | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification                   | Year<br>Built         | Corrected,<br>Removed, or<br>Installed | ASME<br>Code<br>Stamped<br>(Yes or No) |
| ACIMANY<br>MANUAY<br>FASTENER     | WESTINGHOUS                         | 218/1178                   | ·. —                     | 11 SG COLD                             | ***                   | REMOVED                                | NO                                     |
| PRIMARY<br>MANUAY<br>FASTENER     | WESTINGHOUSE                        | 315/609                    | _                        | 11 SG COLD<br>LEG                      | _                     | INSTALLED                              | NO                                     |
| PRIMARY<br>MANUAY<br>FASTENEL     | WESTINGHOUSE                        | 282/1242                   | -                        | 12 SG HOT<br>LEG                       | _                     | REMOVE D                               | NO                                     |
| MIMMAN<br>MANUMY<br>FASTENER      | westing house                       | 316/610                    | _                        | 12 SG HOT<br>LEG                       | _                     | INSTALLED                              | NO                                     |
|                                   |                                     |                            |                          |  |                       |  |  |

| 7. Description of Work _ | REPLACED | (2) | FASTENEL | ASSYS. |  |
|--------------------------|----------|-----|----------|--------|--|
| 7. Description of Work   |          |     |          |        |  |

8. Tests Conducted: Hydrostatic 💆

Pneumatic 🗆

Nominal Operating Pressure

Exempt

Other 🗆

Pressure 1280 psi

Test Temp. 547 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8\frac{1}{2}$  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 number of sheets is recorded at the top of this form.

(7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

E00030

| 9. Remarks NEW FASTENEAS SUBJECTED TO PRESERVICE EXAM AS REGO.  Applicable Manufacturer's Data Reports to be attached  |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
| BY ASME XI. ANII WAS NOT NOTIFIED PRIOR TO THE REPLACEME   |
| THIS NON-CONFORMANCE IS DOCUMENTED IN CONDITION REPORT   |
| 2001 0709.   |
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| CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization NoExpiration Date   |
| Certificate of Authorization No. N/A Expiration Date N/A  Signed R.B. Williams ASSERAM ENGR. Date 4-26-01  |
| 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 Minusuts and employed by HSB I+I Co.  |
| of <u>Hartfurd</u> , CT have inspected the components described in this Owner's Report during the period <u>2/3/61</u> to <u>4/27/61</u> , and state that  |
| in this Owner's Report during the period $\frac{2/3/6}{}$ to $\frac{4/27/6}{}$ 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. |
|  |
| Commissions   NB   1872 ANT   MN 039600 - Co   |
| Inspector's Signature National Board, State, Province, and Endorsements  |
| Date   |

|                      | As   | Required by t              | he Provisions o          | f the ASME Code,                          | Section X               | <u> </u>                               |  |
|----------------------|--|----------------------------|--------------------------|---|-------------------------|--|--|
| 1. Owner             | UCLEAR MANAG<br>Nam<br>AKONADE DR. E<br>Addre                        | EMENT CO                   |                          | Date                                      | 01                      |  | · .                                    |
| 1717 W               | AKONADE DR. E  | Wesce,                     | MN.                      | Sheet                                     | _ of                    | ••.                                    |  |
| 2. Plant R           | PIRIE ISLANDO  | N.G.P.                     |                          | Unit                                      | <del></del>             |  |  |
| SAME                 | Addre  | 158                        | ·                        | (U.O. 000)<br>Repair/Re                   | 6609<br>placement Organ | Pization P.O. No., Job No.             | / O<br>, etc.                          |
| 3. Work Perform      | rmed by OWN  | ER                         |                          | Type Code Symbol S<br>Authorization No. — | Stamp                   | A<br> A                                | :                                      |
| SAME                 | Addre  |                            |                          | Expiration Date                           | N/                      | IA                                     | ·                                      |
| 5. (a) Applicab      | on of System   | ASME TI                    | <u>Year</u>              | dition, WINTER                            | (CLAS.                  | s z)<br>a,                             | Code Case                              |
| (c) Applicab         | ole Edition of Section XI ole Section XI Code Case on of Components: |                            |                          | Year Year                                 |                         | ·                                      |  |
| Name of<br>Component | Name of Manufacturer   | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification                      | Year<br>Built           | Corrected,<br>Removed, or<br>Installed | ASME<br>Code<br>Stamped<br>(Yes or No) |
| 11 S/G               | WESTINGHOUSE   | 1102                       | 68-25                    | 134-011                                   | 1968                    | REMOVED                                | No                                     |
| 1                    |  | 1117                       | 10-14                    | ł .                                       | 5                       | 1                                      | 1                                      |

| Name of<br>Component | Manufacturer | Serial No. | No.   | Other Identification | Built    | installed | (Yes or No) |
|----------------------|--------------|------------|-------|----------------------|----------|-----------|-------------|
| 11 S/G               | WESTINGHOUSE | 1102       | 68-25 | 134-011              | 1968     | REMOVED   | No          |
| 12 5/FG              | DESTINGHOUSE | 1107 72    | 68-24 | 134-012              | 1968     | REMOVED   | NO          |
| 11 8/6<br>574.05     | WESTINGHOUSE | 1102       | 68-25 | 134-011              | 1968     | INSTALLED | NO          |
| 12 5/G<br>STUOS      | WESTINGHOUSE | 1101       | 68-24 | 134-012              | 1968     | INSTALLED | NO          |
|                      |              |            |       |                      |          |           |             |
|                      |              |            |       |                      |          |           |             |
|                      |              |            |       | <u> </u>             | <u> </u> |           |             |

| 7. Description of Work REMOVED SECONDARY | HANDHALE | BOLTING & | REPLACED W/ | STUOS & NUTS |
|--|----------|-----------|-------------|--------------|
| 7. Description of Work                   |          |           |             |              |

8. Tests Conducted: Hydrostatic 
Pneumatic 
Nominal Operating Pressure 
Exempt

Other Pressure 1005 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 number of sheets is recorded at the top of this form.

(7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

500000

E00030

| 9. Remarks ANII NOTIFICATION WAS NOT PERFORMED PRIOR TO THE   |
|---|
| Applicable Manufacturer's Data Reports to be attached  REPLACEMENT. THIS NON-CONFORMANCE WAS DEEN DOCUMENTED  |
| REPUREMENT. 1413 NON-CONFERMANCE MAS BEEN DOCUMENTES  |
| IN CONDITION REPORT 20010709.   |
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| CERTIFICATE OF COMPLIANCE   |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.   |
|   |
| Type Code Symbol Stamp  |
| Certificate of Authorization No Expiration Date N/A   |
| Certificate of Authorization No Expiration Date   |
| Signed R.B. William ASME PROSEAM ENGR. Date 4-27-01   |
| 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 Proving   |
| of Minesuta and employed by HSB IVI Co.   |
| of Harthed, CT  |
| in this Owner's Report during the period 4/27/61 to 4/27/61   |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Reprint 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 a  |
| corrective measures described in this Owner's Report, Furthermore, neither the inspector nor his employer shall be liable in any manner for a   |
| personal injury or property damage or a loss of any kind arising from or connected with this inspection.  |
| Commissions NB 11872 ANT MAY 1396 Marca   |
| Inspector's Signature Commissions NB 1/872 ANT, MN 039600-CO  National Board, State, Province, and Endorsements   |
| Date4/27/6/   |
|   |

| Owner <u>Norther</u><br>1 <u>717 Wakona</u> c |                     |                            |                          | Sheet of_  | ね             |  | <del></del>             |
|---|---------------------|----------------------------|--------------------------|--|---------------|--|-------------------------|
| . Plant_Prairie Island Name                   |                     |                            |                          | Unit   |               |  |                         |
| Same  | Address             |                            |                          | <u>₩0 <sup>±</sup> 00</u><br>Repair Organ        |               | 107<br>D. No., Job No., e                | tc.                     |
| Work Performed by Owner Name                  |                     |                            |                          | Type Code Symbol Stamp N/A Authorization No. N/A |               |  |                         |
| SAME  | Address             |                            |                          | Expiration Date                                  | NIA           |  |                         |
| Identification of Syst                        | 00                  | (0                         | LASS Z)                  |  |               |  |                         |
| Identification of Cor                         | nponents Repaired o | r Replaced and Re          | eplacement Cor           | nponents   |               |  | ASME                    |
| Name of                                       | Name of             | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification                          | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | Code<br>Stamped<br>(Yes |
| Component                                     | Manufacturer        | Geriai ivo.                |                          |  |               |  |                         |
| 200000  | DRESER              | 7071707                    |                          | CC-60-1  | _             | REPLACEV                                 | Ens A                   |
| •   | 4                   |                            | <del></del>              |  |               | REPLACED                                 |                         |
| •   | 1                   |                            |                          | CC Inn i   |               | BEPLACE                                  | ÞΥ                      |
| CIG WTR SA                                    | DLESSEIL            | TC74686                    |                          | CC-100-1   |               | 17,0,0                                   | <del> </del>            |
| ८५ ७७८ डे                                     | DLESSEIL            | TC74686                    |                          | CC-00-1  |               | ner - c                                  |                         |
| II RCP BRY CLY WTR SA                         | DLESSEIL            | TC74686                    |                          | CC-66-1  |               |  |                         |
| CLG WTR SPL<br>TO BEG<br>CLG WTR SPL          |                     |                            |                          |  |               |  |                         |
| CIG WTR SA                                    |                     |                            |                          |  | TI 1          |  |                         |

|  | OT NOTIFIED PRIOR TO BEGINNING THIS  |
|--|--|
| REPLACEMENT  | Applicable Manufacturer's Data Reports to be attached  Titl 5 SITUATION IS DOCUMENT TEN IN   |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  | THIS STRUMITOR IS DOCUMENTED IN  |
| CONDITION REPORT   | T 2001 0709  |
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|  | CERTIFICATE OF COMPLIANCE  |
| We certify that the statem   | nents made in the report are correct and this  |
| ASME Code, Section XI.   | repair o replacement   |
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|  | · · · · · · · · · · · · · · · · · · ·  |
| Type Code Symbol Stamp   | v/A  |
|  |  |
| Certificate of Authorization No.   | N/A Expiration Date N/A  |
| 74.3.  |  |
| Signed R.B. Willes Asm   | PROGRAM ENGL. Date 2-19-01   |
| Owner or Owner's Designe   | ee Title   |
|  |  |
|  |  |
|  | CERTIFICATE OF INSERVICE INSPECTION  |
| l, the undersigned, holding a valid co   | ommission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  |
| or Province of   | and employed by HSB III Co.  |
| Hartford, CT   | have inspected the components described  |
| n this Owner's Report during the   | period 4/3/01 to 4/26/01 and state that  |
| o the best of my knowledge and b   | pelief, the Owner has performed examinations and taken corrective measures described in thi  |
| Owner's Report in accordance with  | the requirements of the ASME Code, Section XI.   |
|  | er the Inspector nor his employer makes any warranty, expressed or implied, concerning th  |
| , o s a santane  | the inspector flor his employer makes any warranty, expressed or implied, concerning the   |
| xaminations and corrective meaning   |  |
| xaminations and corrective measur  | tres described in this Owner's Report. Furthermore, neither the Inspector nor his employe  |
| examinations and corrective measur<br>shall be liable in any manner for any          | ires described in this Owner's Report. Furthermore, neither the Inspector nor his employe<br>by personal injury or property damage or a loss of any kind arising from or connected with this |
| examinations and corrective measureshall be liable in any manner for any             | ires described in this Owner's Report. Furthermore, neither the Inspector nor his employe<br>by personal injury or property damage or a loss of any kind arising from or connected with this |
| examinations and corrective measureshall be liable in any manner for any             | ry personal injury or property damage or a loss of any kind arising from or connected with this  |
| examinations and corrective measures<br>shall be liable in any manner for any        | ry personal injury or property damage or a loss of any kind arising from or connected with this  Commissions 1/8 /1872 4NI, MN 039600-C0   |
| examinations and corrective measureshall be liable in any manner for any inspection. | ture Commissions National Board, State, Province, and Endorsements   |
| shall be liable in any manner for an inspection.  Inspector's Signat                 | ry personal injury or property damage or a loss of any kind arising from or connected with this  Commissions 1/8 /1872 ANT, MN 039600-CO   |
| examinations and corrective measureshall be liable in any manner for any inspection. | ry personal injury or property damage or a loss of any kind arising from or connected with this  Commissions 1/8 /1872 ANT, MN 039600-CO   |

|                      | <del></del>             |                            |                          |                                  |                |  |  |
|----------------------|-------------------------|----------------------------|--------------------------|----------------------------------|----------------|--|--|
| Owner XC             | EL ENE                  | 244                        |                          | Date 2/5                         |                |  |  |
| 1717 Works           | NADE DE E               | J WECH ,M                  | U 55089                  | Sheet                            | of             | 2                                      |  |
| 2. Plant             | PRACRE                  | ISCAND                     |                          | Unit                             |                |  |  |
|                      | SAME Addr               |                            |                          | WO# 990                          | 5374           | nization P.O. No., Job No.,            | etc.                                   |
| 3. Work Performe     | d by Out                |                            | ****                     | Tuna Cada Sumbal Str             | .mn 1          | AL                                     |  |
|                      |                         | 958                        |                          | Authorization No Expiration Date | NA             |  | :                                      |
| 4. Identification of | System                  | SI                         | (cl                      | ASS 1)                           |                |  |  |
|                      |                         |                            |                          | dition, NA                       |                | la, NA                                 | Code Case                              |
| (b) Applicable E     | dition of Section XI    | Utilized for Repair.       | /Replacement Acti        | vity <u>1989</u>                 |                |  |  |
| (c) Applicable S     | ection XI Code Case     | es <u>NJA</u>              |                          |                                  |                |  |  |
| 6. Identification of |                         |                            |                          |                                  |                |  |  |
| Name of<br>Component | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification             | Year<br>Built  | Corrected,<br>Removed, or<br>Installed | ASME<br>Code<br>Stamped<br>(Yes or No) |
| BOUTS                | VELAN                   | ۸Þ                         | _                        | SF-9-2                           |                | REPLACED                               | o.G                                    |
| NNTS                 | VELAN                   | NIA                        |                          | SI-9-2                           |                | REPLACED                               | ٥°                                     |
|                      |                         |                            |                          |                                  |                |  |  |
| BOUTS                | VELAN                   | 7)6                        | _                        | PM 70505                         | <del>ا</del> م | INSTALLE                               | 9 No                                   |
| NUTS                 | VERAN                   | NIA                        | _                        | D48295MQ                         | -              | INSTALLE                               | ນ                                      |
|                      |                         |                            |                          |                                  |                |  |  |
|                      |                         |                            |                          |                                  |                |  |  |
| 7. Description of    | Work REPLA              | nced stu                   | DS/NUTS                  | s weth New                       | ) SI           | LDS/NUJ                                | 7                                      |
|                      | ed: Hydrostatic 🎗       | Pneumatic □                |                          | _                                | Exempt 🗆       |  |  |
| J. TORO GOTTAGOR     |                         | Pressure 2260              | •                        | Temp. <u>547</u> °F              |                |  |  |
| NOTE: Sun            |                         | WD 01                      | 004761                   | may be used, provided (1         | ) size is 8½   | ∕₂ in. x 11 in., (2) inf               | ormation in                            |
| 1101E. Oup           |                         |                            |                          |                                  | d number       | of cheets is recorde                   | d at the ton                           |

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 number of sheets is recorded at the top of this form.

(7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

E00030

| 9. Remarks   |
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| Applicable Manufacturer's Data Reports to be attached  |
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| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No Expiration Date  |
| Expiration Date  |
| Signed R.B.W. Olas ASME PROGRAM ENGR. Date 4-24-01   |
| Owner or Owner's Designee, Title   |
|  |
|  |
| OFFICIAL TE OF INCERNIAL INCREASES   |
| 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 Minnesata and employed by HSB TAT G.  |
| of Hartfield, CT have inspected the components described   |
| of <u>Hartfield</u> , CT have inspected the components described in this Owner's Report during the period 1/12/01 to 4/25/01 , 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.   |
| (8/1/) 10 USD2 A/E 10 1020 / 1 |
| Commissions NB 11872 ANT, MNB39600 - CO   Inspector's Signature   National Board, State, Province, and Endorsements  |
| Date: 4/25/01  |
| Date:  |

|   | As Nequi                                    | ed by the trotis                                     |                          |  |                         |   |   |              |
|---|---|--|--------------------------|--|-------------------------|---|---|--------------|
| Owner Norther   | n States I                                  | Power/Xce  | <u>l Ene</u> rg          | y Date Trav  | 2 ر 3                   | <u>eo I </u>                            |   |              |
| 1 <u>717 Wakona</u>   | de Dr. E.                                   | Welch, MN  | <u>550</u> 89            | Sheetof_   |                         | <del> </del>                            |   | :            |
| Plant Prairie   |   |  |                          | Unit   |                         |   |   |              |
| Same  | Address                                     |  | <del></del>              | Bepair Organi                                      | 053<br>zation P.        | 574<br>0. No., Job No.,                 | etc.  |              |
| Work Performed by_  | Owner                                       | Name   |                          | Type Code Symbol S Authorization No                | tamp                    | 1/2                                     |   |              |
| SAME  | Address                                     |  |                          | Expiration Date                                    | NIA                     |   |   |              |
| Identification of Sys   | temSI                                       |  | (CLAS:                   | s 1)   |                         |   |   |              |
| (a) Applicable Const (b) Applicable Edition Identification of Cor | on of Section XI Uti                        | ilized for Repairs o                                 | or Replacemen            |  | denda,                  | <u>مارد</u>                             | _Code Case                                  |              |
| Name of<br>Component  | Name of<br>Manufacturer                     | Manufacturer<br>Serial No.                           | National<br>Board<br>No, | Other<br>Identification                            | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacemen | ASME<br>Code<br>Stamped<br>(Yes<br>t or No) |              |
| old leg Inj   | VELAN                                       | _  |                          | SI-9-Z   | _                       | Chreect                                 | ED 4  |              |
|   |   |  |                          |  |                         |   |   |              |
|   |   |  |                          |  |                         |   |   |              |
|   |   |  |                          |  |                         |   |   |              |
|   |   | ::   |                          |  |                         |   |   |              |
| 7. Description of World   | ( P)Acma                                    | e RECE   | s in                     | COVER O  | F C1                    | OFICK VA                                | WE  | _ <i>P</i> E |
| 3. Tests Conducted:   | Hydrostatic F                               | . <b>7280</b> psi                                    | i Test Temp.             | ing Pressure F                                     | <b>V</b> (              | CURO PI                                 | <b>ブ</b> へ、                                 |              |
| NOTE: Supplemention in items 1 the recorded at the top            | ntal sheets in form<br>rough 6 on this repo | OOO 476<br>of lists, sketches,<br>ort is included on | or drawings ma           | ay be used, provided (1<br>nd (3) each sheet is nu | ) size is 8<br>mbered a | ½ in. x 11 in., (2<br>nd the number o   | ) informa-<br>of sheets is                  |              |

|   | Applicable Manufacturer's Data Reports to be attached   |
|---|---|
| CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this conforms to the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No. NA Expiration Date  Signed B. W. ASME DROSEAM ENGL.  Signed Cover of 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 or Province of Andrew CT have inspected the compone in this Owner's Report during the period 1/12/01 to 1/25/01 at the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures desonwer'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, coexaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connections. |   |
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| We certify that the stateme   |   |
|   | repair of replacements  |
| •   |   |
| Type Code Symbol Stamp  | ·/A   |
|   |   |
| Certificate of Authorization No   | Expiration Date N/A   |
| Signed <u>P.B.W.B.S. ASN</u><br>Owner or Owner's Designed   | Date PROGRAM ENGR. Date B-0/  |
|   |   |
|   | CERTIFICATE OF INSERVICE INSPECTION   |
| , the undersigned, holding a valid co   | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  |
| or Province of //in hasits  | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stateo   |
| Hartford, CT  | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stateo   |
| or Province of  | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB I+I Co.  have inspected the components described to 4/25/6/ , and state tha  |
| in this Owner's Report during the poor to the best of my knowledge and be   | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB I+I Co.  have inspected the components described to H/25/6/2, and state that the Owner has performed examinations and taken corrective measures described in this  |
| in this Owner's Report during the part to the best of my knowledge and be Owner's Report in accordance with the   | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB I+I Co.  have inspected the components described operiod 1/12/01 to 4/25/01, and state that lief, the Owner has performed examinations and taken corrective measures described in this are requirements of the ASME Code, Section XI.  |
| or Province of Hinnests  In this Owner's Report during the poor to the best of my knowledge and be Dwner's Report in accordance with the By signing this certificate neither  | haye inspected the components described to 1/12/3/1 the Owner has performed examinations and taken corrective measures described in this ne requirements of the ASME Code, Section XI.  |
| in this Owner's Report during the poor to the best of my knowledge and be Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure   | have inspected the components described in this described in the Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the est described in this Owner's Report. Furthermore, neither the Inspector nor his employer.  |
| in this Owner's Report during the poor to the best of my knowledge and be Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure   | have inspected the components described in this described in the Section XI.  The Inspector nor his employer makes any warranty, expressed or implied, concerning the est described in this Owner's Report. Furthermore, neither the Inspector nor his employer.  |
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| in this Owner's Report during the part of the best of my knowledge and be Owner's Report in accordance with the By signing this certificate neither examinations and corrective measures shall be liable in any manner for any inspection.  | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB ITT Co.  have inspected the components described to H25/W, and state that lief, the Owner has performed examinations and taken corrective measures described in this per requirements of the ASME Code, Section XI.  the Inspector nor his employer makes any warranty, expressed or implied, concerning the est described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this  |
| in this Owner's Report during the part to the best of my knowledge and be Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any   | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB I+T Co.  have inspected the components described to H25/W, and state that lief, the Owner has performed examinations and taken corrective measures described in this per requirements of the ASME Code, Section XI.  the Inspector nor his employer makes any warranty, expressed or implied, concerning the est described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this Commissions AB 1/872 ANT. MN 039600-Co |
| in this Owner's Report during the part of the best of my knowledge and be Owner's Report in accordance with the By signing this certificate neither examinations and corrective measures shall be liable in any manner for any inspection.  | mmission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB ITT Co.  have inspected the components described to H25/W, and state that lief, the Owner has performed examinations and taken corrective measures described in this per requirements of the ASME Code, Section XI.  the Inspector nor his employer makes any warranty, expressed or implied, concerning the est described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with this  |

| 1 <u>717 Wakonac</u>   | le Dr. E.               | Welch, MN                              | <u>550</u> 89 :          | Date <u>3/19/0i</u><br>Sheet/ of.                     |               |  |   |
|--|-------------------------|--|--------------------------|---|---------------|--|---|
| Plant Prairie  | Island Name             |  | <del></del>              | Unit/   |               |  |   |
| _  | Name                    |  | i                        | No: Ł Order <i>00</i> 08408                           | , 20.#        | PK938050 6                               | Celeuse Oà                                |
| Same 💫   | Address                 |  | <del></del>              | <i>llo:</i> Ł <i>Order O(10/8/408</i><br>Repair Organ |               |  |   |
| Work Performed by  | WYLF Labor              | atories ow                             | NER                      | Type Code Symbol S                                    | tamp          | / A                                      |   |
| . Work Performed by_   | . 102 00,00             | Name                                   |                          | Authorization No                                      |               | <u>A</u>                                 |   |
| 24800 Highway  | 20 Wet P.O.             | 30x 077777, H.                         | Action to                | Expiration Date                                       | <i>n</i>      | A  |   |
|  | Address                 | -                                      | 25801                    | `   |               |  |   |
| . Identification of Sys  | tem <u>Main Stead</u>   | m (C                                   | ZHS3 2                   | )   |               |  |   |
| <ul><li>(a) Applicable Cons</li><li>(b) Applicable Edition</li></ul> | on of Section XI Uti    | ilized for Repairs of                  | r Replacements           | 19_57   |               |  | ,   |
| Name of<br>Component   | Name of<br>Manufacturer | Manufacturer<br>Serial No.             | National<br>Board<br>No. | Other<br>Identification                               | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| RS-21-6  | Consolidated            | BM 4530 removed                        |                          |   | <b> </b>      | REPLACED<br>REPLACEMENT                  | Y   |
| 12 SG MS HOK Relief  |                         | BA 9481 installed<br>BA 9481 installed |                          |   | <del> </del>  | REPLACED                                 | V   |
| KS-21-9  | Consolidated            | 871 4486 installed                     |                          |   |               | REPLACEMENT                              | 1 7                                       |
| 12 56 ps HDL Relief<br>RS- 21-10                                     | Corplidated             | BAI 1458 removed                       |                          |   |               | REPLACED                                 | LY  |
| 12 SG MS HOR Kelief  | CONSOLIABRA             | Bot 4483 installed                     |                          |   | <u> </u>      | REPLACEMEN                               | -   |
| 13 38 7 9 131 18 131   |                         |  |                          |   |               |  |   |
|  |                         |  |                          |   |               |  |   |
| ,  |                         |  |                          |   | 1             | <u> </u>                                 |   |
| 7. Description of Wor  |                         |  |                          | ng Pressure 🔀<br>1547 °F                              | al iden       | tical spares                             |   |

| Remarks <u>Vireser Centification of Compliance</u> , First inspection plan of test report. Who labs                                     |          |
|---|----------|
| Applicable Manufacturer's Data Reports to be attached   |          |
| Recentification test program, and Proince Island trip reports are all filmed  |          |
| With P.O. # PK9280SQ relouse 02 for the installed safety Valves   |          |
|   |          |
|   |          |
|   |          |
|   |          |
| CERTIFICATE OF COMPLIANCE   |          |
| We certify that the statements made in the report are correct and thisconforms to the rules of t  | <b>.</b> |
| ASME Code, Section XI.  | .ne      |
|   |          |
| ,   |          |
| Type Code Symbol Stamp  |          |
|   |          |
| Certificate of Authorization No. N/A Expiration Date N/A  |          |
|   |          |
| Signed R. B. William, ASME PROGRAM ENGR. Date 4-2-01  |          |
| 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 S          | tate     |
| or Province of  | ort      |
| HEITHOUGH CT  |          |
| in this Owner's Report during the period 4/3/a/ to 4/23/a/ , 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.  | (1113    |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning                 | •hc      |
| examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed by the tible | 2111     |
| shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with           | thic     |
| inspection.   | .,,,,    |
|   |          |
| Inspector's Signature Commissions NB 11872 ANI, MAD38601 - Co National Board, State, Province, and Endorsements                         |          |
| Inspector's Signature National Board, State, Province, and Endorsements   | 5        |
|   |          |
| Date4/23/6/   |          |
|   |          |

| 1. Owner Norther 1717 Wakona 2. Plant Prairie   | n States F              | ower/Xce                                  | l Energy                    | / Date3 -  | 9-01          |  |   |
|---|-------------------------|---|-----------------------------|--|---------------|--|---|
| 1 <u>717 Wakona</u>   | de Dr. E. Address       | Welch, MN                                 | <u>550</u> 89               | Sheetof  |               |  |   |
| 2. Plant <u>Prairie</u>   | Island                  |   | <del></del>                 | Unit   | <del></del>   |  | <del></del>                               |
| Same  |                         | ·   |                             | W.O. Oloo<br>Repair Organ                          | 688           | WO-010063                                | 4   |
|   | Address                 |   | <del></del>                 | , -  |               |  | itc.                                      |
| 3. Work Performed by  | Owner                   | Name                                      |                             | Type Code Symbol S<br>Authorization No             | stamp         | ·/~                                      |   |
| SAME  |                         |   |                             | Expiration Date                                    | NIA           |  |   |
|   | Address                 |   | (-1.15                      | 1  |               |  |   |
| 4. Identification of Sys  |                         |   |                             |  |               |  |   |
| <ul><li>5. (a) Applicable Cons</li><li>(b) Applicable Editi</li><li>6. Identification of Co</li></ul> | on of Section XI Uti    | lized for Repairs (                       | or Replacemen               | ts 19 <u>87</u>                                    | ddenda,       |  | Code Case                                 |
| Name of<br>Component  | Name of<br>Manufacturer | Manufacturer<br>Serial No.                | National<br>Board<br>No.    | Other<br>Identification                            | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| Pipe Speak 1"   | NA                      | N/4                                       | n/a                         | 1-VC-42A   | ~/A           | Reflaceme                                | 1 20                                      |
|   |                         |   |                             |  |               |  |   |
| 7. Description of Wor 8. Tests Conducted:  NOTE: Supplement   | Hydrostatic FO          | 50 ps                                     | ominal Operat  i Test Temp. | 70 °F  | I) size is 8  | // in. x 11 in., {2}                     | informa-                                  |
| NOTE: Suppleme<br>tion in items 1 th<br>recorded at the to  | rough 6 on this repo    | of lists, sketches,<br>ort is included on | each sheet, ar              | ay be used, provided ()<br>ad (3) each sheet is nu | imbered a     | nd the number o                          | f sheets is                               |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. Remarks THIS PLAN WAS NOT REVIEWED PRIOR TO BEGINNING THE WORK  Applicable Manufacturer's Data Reports to be attached  #\$ REQUIRED BY ASMETT. THE CAUSE IS BEING CORRECTED  \$\frac{1}{4}\$ IS ODCUMENTED IN CONDITION REPORT 20010709. |
|---|
| AS REQUIRED BY ASMETT. THE CAUSE IS BEING CORRECTED   |
|   |
| & 15 ADCLUMENTED AND CONTRACTOR AND CONTRACTOR  |
| T IS COMPRENIED IN CONDITION REPORT 20010709  |
|   |
|   |
|   |
|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.   |
|   |
| Time Oads O. 1 at O.  |
| Type Code Symbol Stamp  |
| Certificate of Authorization No. NA Expiration Date NA  |
| Signed R.B.W. Owner's Designee, Title  Signed R.B.W. Date 3-16-01 ,19   |
| 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  |
| in this Owner's Report during the period 4/3/3, have inspected the components described to 4/3/4, and state that  |
| in this Owner's Report during the period $4/3/a_1$ to $4/23/a_1$ 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.   |
|   |
| Inspector's Signature Commissions <u>VB 1/872 AVI</u> , <u>MN039600-Co</u> National Board, Stafe, Province, and Endorsements  |
| Date  |

|         |                      | Name le Dr. E. Address                                      |                            |                          | Sheetof.           |               |  |   |
|---------|----------------------|---|----------------------------|--------------------------|--------------------|---------------|--|---|
| a Pla   | nt Prairie           | Island  |                            |                          | Unit1              |               |  |   |
| Z. Plai | M_IIGIIZO            | Name  |                            | <u></u> _                | •                  |               |  |   |
|         | Cama                 |   |                            |                          | WO 00              | 0044          | 0. No., Job No., e                       |   |
|         | Same                 | Address   | ,                          |                          | Repair Organ       | zation P.     | O. No., Job No., e                       | tc.                                       |
|         |                      | Owner   |                            |                          | Type Code Symbol S | tamp 🗸        | V/A                                      |   |
| 3. Wo   | rk Performed by_     | Owner   | Name                       |                          | Authorization No.  |               |  |   |
|         |                      |   |                            |                          | Expiration Date    | NIA           |  |   |
|         | SAME                 | Address   |                            |                          | Expiration Date    |               |  | <del></del>                               |
|         |                      |   | _                          |                          |                    |               |  |   |
| 4. Ide  | entification of Syst | temVC   | (00                        | ASS Z                    |                    |               |  |   |
| (b)     | Applicable Edition   | ruction Code<br>on of Section XI Uti<br>nponents Repaired ( | ilized for Repairs o       | r Replacemen             | · • .              | idenda,       |  | Code Case                                 |
|         | Name of<br>Component | Name of<br>Manufacturer                                     | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other              | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
|         | CHC POP              | CROSBY  | 50913911                   |                          | √c-28-3            | _             | REPLACED.                                | NT Y                                      |
| 12/2    | CHG PMP              |   |                            |                          |                    |               |  | .,  |
|         | CH RELIEF            | CROSBY  | 509/3MI                    | ~                        | VC-28-3            | -             | REPLACED                                 | 1 9                                       |
|         |                      |   |                            |                          |                    |               |  |   |
| 7. D    | escription of Work   | (Remover  | o four                     | Vou                      | VE FOR SE          | CT _          | XI TEST                                  |   |
|         |                      | Hudrostotio 🗀 I   | Pneumatic No               | ominal Operat            | ing Pressure Q (N  | on-a          | (300                                     |   |

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| PORMINISTE (Back)   |
|---|
| 9. Remarks THE REPAIR / REPLACEMENT PLAN WAS NOT REVIEWED BY THE  |
| Applicable Manufacturer's Data Reports to be attached   |
| ANII AS RE PRIOR TO BEGINNING THE REPLACEMENT AS REQ'D.   |
| 73 2240.  |
| BY SELTION XI. THIS SITUATION IS DOCUMENTED IN CONDITION  |
| REPORT 20010709.  |
| 7-57-6-7-6-7-6-7-6-7-6-7-6-7-6-7-6-7-6-7  |
|   |
|   |
| CERTIFICATE OF COMPLIANCE   |
| Min novel for the state of the |
| ASME Code, Section XI.  |
|   |
|   |
| Type Code Symbol StampN/H   |
|   |
| Certificate of Authorization No. NIA Expiration Date NIA  |
| Signed R.B.L. ASME MOSEAM ENGR. Date 2-19-01 19-  |
|   |
| 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 Minesota and employed by HSB INT Co.  |
|   |
| in this Owner's Report during the period 4/3/u to the best of multiple to the |
| 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 per his applease makes  |
| 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 magnetator and the concerning the   |
| 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.   |
|   |
| Commissions NB 11872 ANT MN 1391 MILES  |
| Inspector's Signature Commissions NB //872 ANI, MN 039600-Co  National Board, State, Province, and Endorsements   |
|   |
| Date  |
|   |

|  |  | /v 1                       | P                           | TAN   | 8 2              | DO (                                     |   |
|--|--|----------------------------|-----------------------------|---|------------------|--|---|
| 1. Owner Norther   | n States P<br>Name                         | ower/Xcel                  | <u>Ene</u> rgy              | Date  | <del>د د د</del> |  |   |
| 1 <u>717 Wakonad</u>   | e Dr. E. V                                 | Welch, MN                  | <u>550</u> 89               | Sheetof_  |                  |  |   |
| 2. Plant Prairie   |  |                            |                             | Unit  |                  |  |   |
| Same   | Address                                    |                            |                             | •   | zation P.C       | D. No., Job No., et                      | ic.                                       |
| 3. Work Performed by   | Owner                                      | Name                       | · · · · · · · · ·           | Type Code Symbol S Authorization No.              | NIA              | I/A                                      |   |
| SAME   |  |                            | <del>_</del>                | Expiration Date                                   | NIA              |  |   |
| 4. Identification of Syst  |  |                            | 455 Z)                      |   |                  |  |   |
| <ol> <li>(a) Applicable Const</li> <li>(b) Applicable Edition</li> </ol> | on of Section X1 Uti                       | lized for Repairs of       | r Replacement               | is 19   | ldenda,          | NIA                                      | Code Case                                 |
| 6. Identification of Con   | nponents Repaired o                        | or Replaced and Re         | eplacement Co               | mponents  |                  |  |   |
| Name of<br>Component   | Name of<br>Manufacturer                    | Manufacturer<br>Serial No. | National<br>Board<br>No.    | Other<br>Identification                           | Year<br>Built    | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| 11 CHG PMP   | CPOS GY                                    | 50913M1                    |                             | VC-28-1   | _                | REPLACEM                                 | EDUT Y                                    |
| DISCH RELIEF   | CROSBY                                     | 509/3M1                    |                             | VC-28-1   | _                | REPLACED                                 | Y   |
|  |  |                            |                             |   |                  |  |   |
|  |  |                            |                             |   |                  |  |   |
| 7. Description of World  | (ROPINED )                                 | PELIEF V                   | iv for                      | SEO Z 7   | さらブ              |  |   |
| 8. Tests Conducted:  | Hydrostatic D                              | Pneumatic No. 2735 Psi     | ominal Operat<br>Test Temp. | ing Pressure 🗷 (Ni)                               | n ced            | )E)                                      |   |
| NOTE: Supplemention in items 1 the recorded at the top                   | ntal sheets in form<br>rough 6 on this rep |                            |                             | ay be used, provided (<br>nd (3) each sheet is nu | 1) size is 8     | 3½ in. x 11 in., (2)                     | informa-<br>f sheets is                   |

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| Remarks VALVE WAS AS-FOUND IST ON W.O. 0013503  |      |
|---|------|
| Applicable Manufacturer's Data Reports to be attached   |      |
| Applicable Manufacturer's Data Reports to be attached  VALVE (REPLACEMENT) WAS AS-LEFT TESTED ON W.O. 00/                                   | 1350 |
|   |      |
|   |      |
|   |      |
|   |      |
|   |      |
|   |      |
| CERTIFICATE OF COMPLIANCE   |      |
| We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the rules of the                      |      |
| ASME Code, Section XI. repair or replacement  | e    |
|   |      |
|   |      |
| Type Code Symbol Stamp <i>N/A</i>   |      |
|   |      |
| Certificate of Authorization No. NA Expiration Date NA  | :    |
| 201/106   |      |
| Signed K.B. (1) LLA, ASME PROGRAM ENER Date 3-15-01 -19-  | _    |
| o bongines, ring  |      |
|   |      |
| CERTIFICATE OF INSERVICE INSPECTION   |      |
| , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Sta             | ate  |
| A riversity and employed by 738 LAL Ca.   | of   |
| have inspected the components describ   | ed   |
| this Owner's Report during the period 4/3/01 to 4/23/01, and state the  | nat  |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the                 | his  |
| Owner's Report in accordance with the requirements of the ASME Code, Section X1.  |      |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t                   | he   |
| xaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ                     | /er  |
| half be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the appection. | his  |
|   | 1    |
| JCh 1/3 1/672 ANT AND ARRAY AS  |      |
| Inspector's Signature Commissions N3 1/872 ANI, MN 039600 - CO  National Board, State, Province, and Endorsements                           | - 1  |
|   |      |
| Date4/23/0/ 548   |      |
|   |      |

| 1. Owner <u>XC</u>   | EL ENERC                                | Υ                          |  | Date   | -01                                      |   | 11 A C C C C C C C C C C C C C C C C C C |
|----------------------|---|----------------------------|--|--|--|---|--|
| 414 NICO             | OLLET MAL<br>Addre<br>ALE ISLANC<br>Nam | L , MLPS                   | <u> </u>                                 | Date/  | _ of/                                    |   |  |
| 2 Plant PRAM         | Addre                                   | NGP_                       |  | Unit/  |  |   |  |
| Z. Flant             | Nam                                     | o E. WEL                   | CH MN                                    | we # 0006<br>Repair/Re                         |  |   |  |
| 1717 W               | Addre                                   | ss                         | <u> </u>                                 |  |  |   |  |
| 3. Work Performe     | ed by WESTA                             | <del>BHWSE</del>           | · · · · · · · · · · · · · · · · · · ·    | Type Code Symbol S                             | Stamp _ <b>N</b> /A                      | /A  |  |
|                      |   |                            |  | Authorization No                               | I/A                                      |   |  |
| 4 Identification of  | cours STEN                              | m GENER                    | MIOR                                     | (CLASS 1                                       | )  |   |  |
| 5. (a) Applicable    | Construction Code                       | ASME III                   | CL. A<br>1915<br>Year                    | (CCASS 1)                                      | Adden                                    | da,   | Code Case                                |
|                      | Edition of Section XI                   |                            |  |  |  |   |  |
| (c) Applicable S     | Section XI Code Case                    | s                          |  |  |  |   |  |
| 6. Identification of | f Components:                           |                            |  |  |  |   | · · · · · · · · · · · · · · · · · · ·    |
| Name of Component    | Name of<br>Manufacturer                 | Manufacturer<br>Serial No. | National<br>Board<br>No.                 | Other Identification                           | Year<br>Built                            | Corrected,<br>Removed, or<br>Installed                  | ASME<br>Code<br>Stamped<br>{Yes or No}   |
| 7125/6               | WESTINGHOUSE                            | 1107 7                     | 68-24                                    | 134-012  | 1988                                     | REPAIR  | N  |
|                      |   |                            |  |  |  |   |  |
|                      |   |                            |  |  |  |   |  |
|                      |   |                            | -  |  |  |   |  |
|                      |   |                            |  |  |  |   |  |
|                      |   |                            |  |  |  |   |  |
|                      |   |                            |  |  |  | -   | <del> </del>                             |
|                      | <u> </u>                                | ····                       |  |  |  | <u> </u>  | l  |
| 7. Description of    | Work /NSTALL                            | SLEEVES                    | IN 5/G                                   | 56668  |  |   | <u></u>                                  |
| 8. Tests Conduct     | Work /NSTALC                            | P1070 W.0                  | 0 · 000 47<br>Nominal Op                 | erating Pressure                               | Exempt 🗆                                 |   |  |
|                      | Other 🗆 🗡 F                             | ressure <b>2280</b>        | psi Test <sup>*</sup>                    | Temp. <u><b>547</b></u> ∘F                     |  |   |  |
| NOTE: Sup            | oplemental sheets in                    | form of lists, sketo       | thes, or drawings<br>ch sheet, and (3) e | may be used, provided each sheet is numbered a | (1) size is 8 <sup>1</sup><br>and number | $\frac{1}{2}$ in. x 11 in., (2) in of sheets is recorde | formation in<br>ed at the top            |
| items i thr          | ough o on this repor                    | LIS IIICIUUBU OII BAI      | on anoch and (0) c                       |  |  |   |  |

of this form.

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SEE OESILN CHAINER #975604 CONSITION REPORT #20011173

| 9. Remarks   |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
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|  |
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|  |
|  |
|  |
|  |
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|  |
| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| Type Code Symbol Stamp   |
| Certificate of Authorization No Expiration Date  |
| PAIN DE TOUR AND THE STATE OF T |
| Signed A-O-ULIVAN ASME PROGRAM ENGR. Date 3-2-0/ 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 and employed by  |
| of Hart ford CT have inspected the components described  |
| of Hart ford CT have inspected the components described in this Owner's Report during the period 12/15/69 to 4/2/61 , 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.   |
| Inspector's Signature  Commissions NB 11872 ANI, MN395  National Board, State, Province, and Endorsements  |
| Inspector's Signature National Board, State, Province, and Endorsements  |
| Date 4/2/01  |

| V.C.  | Euracy   |                                       | ,                | Date 2-8-                               | -01           |                             |              |
|---|--|---------------------------------------|------------------|---|---------------|-----------------------------|--------------|
| 1. Owner XCEL   | Name   |                                       | ·                | Date                                    |               |                             |              |
|   | CLET MALL Address                                | MINNE                                 | EAPOLIS :        | Sheetof                                 |               |                             |              |
| <u> </u>  | Address  | 1100                                  |                  | Unit /                                  |               |                             |              |
| 2. Plant PRAIR  | IE ISCANO  | 14.6.7.                               | <u></u>          | Unit                                    |               |                             |              |
| , ,   | - Name   | 1/200                                 |                  | 100 01                                  | 0065          | ~O                          |              |
| 1717 WAKON  | Address  | WELCA                                 | , 7774           | Repair Organ                            | ization P.C   | D. No., Job No., e          | itc.         |
| 3. Work Performed by  | OWNER  |                                       |                  | Type Code Symbol S                      | Stamp         | VA                          |              |
|   | • • •  |                                       | _                | Authorization No                        |               | '(A                         | <del></del>  |
| 1717 WAKON  | ADE DR. E., Address                              | WELCH,                                | MN               | Authorization No Expiration Date        | N             | '(A                         |              |
| 4. Identification of \$ys   | stem STEAM                                       | GENER                                 | ATOL             | (CLASS                                  | <u>z)</u>     |                             |              |
| <ul><li>5. (a) Applicable Cons</li><li>(b) Applicable Edition</li><li>6. Identification of Constant</li></ul> | ion of Section XI Utiliz                         | ed for Repairs                        | or Replacements  | 19 <u>87</u>                            | ddenda,       |                             | Code Case    |
|   | T  |                                       |                  |   |               |                             |              |
|   |  |                                       |                  |   |               |                             | ASME         |
|   |  |                                       | ,                |   |               |                             | Code         |
|   |  |                                       | National         |   |               | Repaired,                   | Stamped (Yes |
| Name of   | Name of  | Manufacturer                          | Board            | Other                                   | Year          | Replaced,<br>or Replacement |              |
| Component   | Manufacturer                                     | Serial No.                            | No.              | Identification                          | Built         | or tropicosins              |              |
|   |  |                                       | 10.24            |   | <del> </del>  |                             |              |
| # 12  | DESTINGHOUSE                                     | 1101                                  | 68-24            | 134-012                                 | 1968          | REPAIR                      | AY           |
| STAM GBNEKH   | CESTIMOTICS.                                     | 4-2                                   | »-61 <u> </u>    |   |               |                             |              |
|   |  |                                       |                  |   |               |                             |              |
|   |  | · · · · · · · · · · · · · · · · · · · |                  |   |               |                             |              |
|   |  |                                       |                  |   |               |                             |              |
|   | <del>                                     </del> |                                       |                  |   |               |                             |              |
|   | 1  |                                       |                  | Ì                                       |               |                             | _            |
|   |  |                                       |                  |   |               |                             |              |
|   |  |                                       |                  |   |               |                             |              |
|   | <u> </u>   |                                       |                  |   |               |                             |              |
| <ul><li>7. Description of Wor</li><li>8. Tests Conducted:</li></ul>   | k RESURFACE                                      | SO THE                                | RCP-SI           | OE HANDA                                | POLE          | SURFACE                     | <u> </u>     |
|   |  |                                       |                  | \ | <b>4</b> .    |                             |              |
| 8. Tests Conducted:   | Hydrostatic Pne                                  | eumatic 🔲 N                           | ominal Operating | Pressure P                              | 2/19/0        | 2                           |              |
|   | Other Pressure                                   | 1005 ps                               | i Test Temp.     | 595°F                                   |               |                             |              |
|   | $\omega$ .                                       | 00097                                 | 61               |   |               |                             |              |
| NOTE: Suppleme  | neal abouts in form of                           | liete eketches                        | or drawings may  | be used, provided (1                    | i) size is 8½ | 4 in. x 11 in., (2)         | informa-     |
| tion in items 1 th  | rough 6 on this report                           | is included on                        | each sheet, and  | (3) each sheet is no                    | ımbered ar    | nd the number of            | sheets is    |
| recorded at the to  | p of this form.                                  |                                       |                  |   |               |                             |              |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

|  | Applicable Manufacturer's Data Reports to be attached   |  |
|--|---|--|
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|  |   |  |
|  |   |  |
|  |   |  |
| •  |   |  |
|  | CERTIFICATE OF COMPLIANCE   |  |
| We certify that the states   | ments made in the report are correct and this conforms to the rules o   | f the                                      |
| ASME Code, Section XI.   | repair - replacement  |  |
|  |   |  |
|  |   |  |
| Type Code Symbol Stamp   | //4   |  |
|  |   |  |
| Certificate of Authorization No  | N/A Expiration Date N/A   |  |
|  |   |  |
| Simula P. A. I. DO X A.  | SME PROGRAM ENGR. Date 2-14-01 -19-   |  |
| Owner or Owner's Design  | per Title   |  |
| —-   | 1166, 1166  |  |
|  |   |  |
|  |   |  |
|  | CERTIFICATE OF INSERVICE INSPECTION   |  |
| the undersigned holding a valid of   | CERTIFICATE OF INSERVICE INSPECTION   |  |
| I, the undersigned, holding a valid of   | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  | e Sta                                      |
| I, the undersigned, holding a valid of or Province of Minnesote  | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  | Sta  |
| or Province of Mignesota  Hart ford, CT  | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  |  |
| or Province of Minnesote  Hart ford , CT  in this Owner's Report during the  | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserted by to 4/02/61, and starting and starting to 4/02/61, and starting to 4/02/61.  | cribe                                      |
| or Province of Minnesote  Hart ford , CT  In this Owner's Report during the  | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  | cribe                                      |
| or Province of Minnesots  Hart ford, CT  in this Owner's Report during the to the best of my knowledge and   | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserged belief, the Owner has performed examinations and taken corrective measures described   | cribe                                      |
| or Province of Minnesots  Hart ford , CT  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with  | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserted belief, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI.   | cribe<br>te th<br>in th                    |
| in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith  | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserbed to Hold to Hold to Hold to Hold to Hold to Hold to the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning the section of the ASME Code, Section XI.  | cribe<br>te the<br>in the                  |
| or Province of   | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserbed to Holder to Holder to Holder to holder the Pressure Vessel Inspectors and the components deserbed in the requirements of the ASME Code, Section XI.  The the Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes and taken corrective measures described in this Owner's Report.  | cribe<br>te the<br>in the                  |
| or Province of Minnesote Hart ford, CT  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measi shall be liable in any manner for a            | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserbed to Hold to Hold to Hold to Hold to Hold to Hold to the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning the section of the ASME Code, Section XI.  | cribe te the in th                         |
| or Province of Minnesota  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measure.   | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserbed to Holder to Holder to Holder to holder the Pressure Vessel Inspectors and the components deserbed in the requirements of the ASME Code, Section XI.  The the Inspector nor his employer makes any warranty, expressed or implied, concerning the described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes and taken corrective measures described in this Owner's Report.  | cribe te the in th                         |
| or Province of Minnesote Hart ford, CT  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measi shall be liable in any manner for a            | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserged by to 4/02/e1, and start belief, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning the sures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any personal injury or property damage or a loss of any kind arising from or connected with the components described in this Owner's Report. | cribe<br>te the<br>in th<br>ng th<br>ploye |
| or Province of Minnesota  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measishall be liable in any manner for a inspection.               | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserged by to 4/02/e1, and start belief, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning the sures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any personal injury or property damage or a loss of any kind arising from or connected with the components described in this Owner's Report. | cribe<br>te the<br>in th<br>ng th<br>ploye |
| or Province of Minnesote  Hart ford, CT  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measi shall be liable in any manner for a           | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components described to 4/02/61, and star belief, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning sures described in this Owner's Report. Furthermore, neither the Inspector nor his employer personal injury or property damage or a loss of any kind arising from or connected with the components described.  Commissions NO 1/872 ANT , MN 38.      | cribe te the in th  ng th ploye th th      |
| or Province of Minnesote Hark ford, CT  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measishall be liable in any manner for a inspection. | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserged by to 4/02/e1, and start belief, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning the sures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any personal injury or property damage or a loss of any kind arising from or connected with the components described in this Owner's Report. | cribe te the in th  ng th ploye th th      |
| or Province of Minnesote Hark ford, CT  in this Owner's Report during the to the best of my knowledge and Owner's Report in accordance with By signing this certificate neith examinations and corrective measishall be liable in any manner for a inspection. | commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I+I Co.  have inspected the components deserged by to 4/02/e1, and start belief, the Owner has performed examinations and taken corrective measures described in the requirements of the ASME Code, Section XI.  here the Inspector nor his employer makes any warranty, expressed or implied, concerning the sures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any personal injury or property damage or a loss of any kind arising from or connected with the components described in this Owner's Report. | cribe<br>te the<br>in th<br>ng th<br>ploye |

| 717 Wakonad                     |                         |                            |                          | · · · · · · · · · · · · · · · · · · · | •             | • • • •                                  |   |
|---------------------------------|-------------------------|----------------------------|--------------------------|---------------------------------------|---------------|--|---|
| Plant Prairie                   | Island<br>Name          |                            |                          | Unit                                  |               | ,  |   |
| Same                            |                         |                            |                          | Repair Organ                          |               | 410<br>D. No., Job No., et               | tc.                                       |
| Work Performed by_              | Owner / W               | YLE LABS                   |                          | Type Code Symbol S                    |               |  |   |
| Work Performed by_              | 0                       | Name                       | ·                        | Authorization No                      | NIA           |  |   |
| SAME                            | Address                 |                            |                          | Expiration Date                       | NIA           |  |   |
| Identification of Syst          | DC                      | S (co                      | ASS 1                    | )                                     |               |  |   |
| Identification of Con           | nponents Repaired (     | or Replaced and Re         | eplacement Cor           | nponents                              |               |  |   |
| Name of<br>Component            | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification               | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| PRBR SAFETY                     | 1 CROSBY                | 2RV-8010B                  |                          | 120-10-1                              | _             | REPLACED                                 | 4   |
| RZR SAFETY                      | CROSBY                  | NS7872-                    |                          | RC-10-Z                               |               | REPLACED                                 | ٧   |
| VALUE.                          | CROSBY                  | N57872-<br>00-0001         |                          | SPORT                                 |               | ROPLACMN                                 | + 4                                       |
| VALUE<br>RESE SACETY<br>VALUE   |                         | LOW BOYON                  |                          | SPARE                                 | _             | REPLACUN                                 | 74  |
| VALUE  EXX SACETY  VALUE  VALUE | cros By                 | 1RV-8010A                  |                          |                                       |               | }  | 1   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

recorded at the top of this form,



| RIF NO. 4749   | Applicable Manufacturer's Data Reports to be attached  |
|--|--|
| KIT 100, 7177  | <i>D</i>   |
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|  | CERTIFICATE OF COMPLIANCE  |
| We certify that the sta  | Manager and to the second  |
| ASME Code, Section XI.   | repair or (replacement)  |
| •  |  |
|  |  |
| Type Code Symbol Stamp   | N/A  |
|  |  |
| Certificate of Authorization No.   | N/A Expiration Date N/A  |
| 20.1.00  | - CAPABION Date  |
| Signed K. B. Wills   | ASME PROGRAM ENGR Date 2-22-01 19-   |
| Owner or Owner's Des   | ignee, Title , 19  |
|  |  |
|  |  |
|  | CERTIFICATE OF INSERVICE INSPECTION  |
| , the undersigned, holding a vali  | CERTIFICATE OF INSERVICE INSPECTION  id commission issued by the National Board of Roller and Progress Versel Inservice Control of Progress Versel Inservice Control On Inservice Control of Progress Versel Inservice Control On Inservice Control On Inservice Control On Inservice Control On Inservice Control On Inservice Control On Inservice Control On Inservice Control On Inservice Control On Inservice Control On Ins |
| TOVINCE OI I'M TO THE DOTAL  | id commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat   |
| TOVINCE DI I WITE DO THE   | id commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat   |
| TOVINCE OI /* **//EN//*  | id commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Stat   |
| Hackford, CT  this Owner's Report during   | id commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Statement and employed by $\frac{HJS}{I+I}C_0$ .  have inspected the components describe the period $\frac{4/2}{61}$ and state the   |
| Hartford, CT  this Owner's Report during to the best of my knowledge an  | id commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Statement and employed by $\frac{HSB}{I+I}$ $\frac{I}{CO}$ , have inspected the components described the period $\frac{4/2}{6I}$ to $\frac{4/2}{6I}$ , and state the debelief, the Owner has performed examinations and taken corrective measures described in this  |
| this Owner's Report during to the best of my knowledge an owner's Report in accordance with  | id commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Statement of the period 4/2/81 to 4/2/81 to 4/2/81 and state the belief, the Owner has performed examinations and taken corrective measures described in the the requirements of the ASME Code, Section XI.  |
| this Owner's Report during to the best of my knowledge and owner's Report in accordance will by signing this certificate neighbors.  | and employed by HSB I+I G.  have inspected the components described to the period 4/2/61 to 4/2/61 and state the debelef, the Owner has performed examinations and taken corrective measures described in the the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty expressed or implied concerning the  |
| this Owner's Report during to the best of my knowledge and owner's Report in accordance with By signing this certificate neither than the saminations and corrective me                                | have inspected the components described the period 4/2/61 to 4/2/61 and state the debelief, the Owner has performed examinations and taken corrective measures described in the the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the resurres described in this Owner's Report. Furthermore, pointer the Inspector nor his owner's Report.  |
| this Owner's Report during to the best of my knowledge an Owner's Report in accordance will be signing this certificate neixaminations and corrective methall be liable in any manner for              | have inspected the components described in the Beauty of Boiler and Pressure Vessel Inspectors and the State and employed by HS I+I Co.  have inspected the components described the period 4/2/61 to 4/2/61 , and state the add belief, the Owner has performed examinations and taken corrective measures described in this ith the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the resources described in this Owner's Report. Furthermore, pointer the Inspector nor his employer.   |
| this Owner's Report during to the best of my knowledge an Owner's Report in accordance will be signing this certificate neixaminations and corrective methall be liable in any manner for              | have inspected the components described in the Beauty of Boiler and Pressure Vessel Inspectors and the State and employed by HS I+I Co.  have inspected the components described the period 4/2/61 to 4/2/61 , and state the add belief, the Owner has performed examinations and taken corrective measures described in this ith the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the resources described in this Owner's Report. Furthermore, pointer the Inspector nor his employer.   |
| this Owner's Report during to the best of my knowledge an Owner's Report in accordance with By signing this certificate neixaminations and corrective methall be liable in any manner for              | and employed by HSB T+T Co.  have inspected the components described the period 4/2/61 to 4/2/61 , and state the debtief, the Owner has performed examinations and taken corrective measures described in this ith the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the resurres described in this Owner's Report. Furthermore, neither the Inspector nor his employer rany personal injury or property damage or a loss of any kind arising from or connected with this  |
| this Owner's Report during to the best of my knowledge an Owner's Report in accordance will By signing this certificate neixaminations and corrective me shall be liable in any manner for inspection. | and employed by HSB T+T Co.  have inspected the components described the period 4/2/61 to 4/2/61 , and state the debtief, the Owner has performed examinations and taken corrective measures described in this ith the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the resurres described in this Owner's Report. Furthermore, neither the Inspector nor his employer rany personal injury or property damage or a loss of any kind arising from or connected with this  |
| this Owner's Report during to the best of my knowledge an Owner's Report in accordance will by signing this certificate nei xaminations and corrective me  | have inspected the components described to belief, the Owner has performed examinations and taken corrective measures described in this ith the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the rasures described in this Owner's Report. Furthermore, neither the Inspector nor his employer may personal injury or property damage or a loss of any kind arising from or connected with this Commissions.  **RB 11872 ANT. MN 356**  |
| this Owner's Report during to the best of my knowledge an Owner's Report in accordance will By signing this certificate neixaminations and corrective me shall be liable in any manner for inspection. | and employed by HSB T+T Co.  have inspected the components described the period 4/2/61 to 4/2/61 , and state the debtief, the Owner has performed examinations and taken corrective measures described in this ith the requirements of the ASME Code, Section XI.  ither the Inspector nor his employer makes any warranty, expressed or implied, concerning the resurres described in this Owner's Report. Furthermore, neither the Inspector nor his employer rany personal injury or property damage or a loss of any kind arising from or connected with this  |

|                                      | de Dr. E. W             | <u> </u>                   | <u> </u>                 | Sheet of_               |               |  |   |
|--------------------------------------|-------------------------|----------------------------|--------------------------|-------------------------|---------------|--|---|
| <sub>Plant</sub> <u>Prairie</u>      | Island<br>Name          |                            |                          | unit 1 welding Se       | TVÍLES        | Inc. Ja                                  | No.                                       |
| Same                                 |                         |                            |                          | Work ord                | er *          | 000 4477<br>D. No., Job No., e           |   |
|                                      | Address                 | ALLO CEDUIC                | es INC.                  | Type Code Symbol S      |               | _  |   |
| ork Performed by                     | Owner WELL              | Vame                       |                          | Authorization No        | NIA           |  |   |
| SAME                                 | Address                 |                            | <del></del>              | Expiration Date         | N/A_          |  |   |
| entification of Sys                  |                         | x Vessel                   | . (6                     | CLASS 1)                |               |  |   |
| entification of Co                   | omponents Repaired o    | r Replaced and R           | eplacement Con           | nponents                |               |  | ACME                                      |
| Name of<br>Component                 | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| Component                            | E .                     |                            |                          |                         | •             |  |   |
| Onit 1                               | :                       |                            |                          |                         |               | l .                                      |   |
|                                      |                         |                            |                          | 157-051                 | 1969          | Repaired                                 | Y   |
| nit 1<br>eactor Vessel<br>ower Canop |                         |                            |                          | 157-051                 | 1969          | Repaired                                 | Y   |
| nit 1<br>eactor Vessel<br>ower Canop | y Loire                 |                            |                          | 157-051                 | 1969          | Repaired                                 | Y   |
| nit 1<br>eactor Vessel               | y Loire                 |                            |                          | 157-051                 | 1969          | Repaired                                 | Y   |

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| 9. Remarks Perform weld build up of lower Cauppy Seals per design   |
|---|
| Applicable Manufacturer's Data Reports to be attached   |
| Change 98RV06 and work order 0004477, Repair done   |
| by Welding Services, Inc.   |
|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.  |
| Type Code Symbol StampNA  |
| Certificate of Authorization No. NA Expiration Date   |
| Signed R.B.L. Slave ASME PROGRAM ENGR. Date 2-13-01 -19-  |
| 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   |
| in this Owner's Report during the period 1/22/o1 to 4/4/o1  |
| 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 pointer the Indiana described in the Owner's Report.   |
| 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.  |
|   |
| Inspector's Signature Commissions NB 11872 ANT, MN 395  National Board, State, Province, and Endorsements   |
| Date4/4/01_+5   |

| 1 <u>717 Wakona</u>                             | n States I<br>Name<br>de Dr. E, |                             |                          |   |               |  |   |
|---|---------------------------------|-----------------------------|--------------------------|---|---------------|--|---|
| Plant <u>Prairie</u><br>Same                    |                                 | <u></u>                     |                          | Unit 1<br>Delding Service<br>Work Order<br>Repair Organ | es Inc.       | 366 No.                                  | 31000                                     |
| . Work Performed by                             | Address<br>Owner Wel            | o <i>ing Seevic</i><br>Name |                          | Type Code Symbol : Authorization No                     | Stamp^        | _  | etc.                                      |
| SAME  | Address                         |                             |                          | Expiration Date   | NIA           |  |   |
| . Identification of Sys                         | tem Recitor                     | - Vessel                    | (cu                      | <u>455 1)</u>   | <del></del>   |  |   |
| . Identification of Cor                         | mponents Repaired o             | or Replaced and R           | eplacement Com           | ponents   |               |  | 2000                                      |
| Name of   | Name of Manufacturer            | Manufacturer<br>Serial No.  | National<br>Board<br>No. | Other<br>Identification                                 | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| Component                                       |                                 |                             |                          | t   |               |  |   |
| Component Uni't 1                               | Cresuor                         |                             |                          |   |               |  |   |
| Component Unit I Recutor Vesicl Intermediate    | Cresuct<br>Loire<br>Industries  |                             |                          | 157-051   | 1969          | Repaired                                 | γ   |
| Component Unit 1 Recutor Vessel                 | Loire                           |                             |                          | 157-051   | 1969          | Repaired                                 | γ   |
| Component  Jnit I  Routor Vesicl  Intermediate  | Loire                           |                             |                          | 157-051   | 1969          | Repaired                                 | Y   |
| Component  Jnit I  Recutor Vesicl  Intermedicte | Loire<br>Industries             | re world                    | build up                 |   |               |  |   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

(12/82)

1,

| 9. | Remarks Perform weld build up of Intermediate Camppy Seals  |
|----|---|
|    | Applicable Manufacturer's Data Reports to be attached   |
|    | per design partage 98RVOL and work order 0009978.   |
|    | Repair done by Welding Services Inc ICSWs done: FZ, E3  |
|    | D4, C5, B6, C7, B8, C9, D10, E11, F17, & G11, H12, I11, 310, K9, LB, K7, L6, K5, 34, 13, H2, G3   |
| Г  |   |
|    | CERTIFICATE OF COMPLIANCE   |
|    | We certify that the statements made in the report are correct and thisconforms to the rules of the  |
| l  | ASME Code, Section XI.  |
|    |   |
|    | , ·   |
|    | Type Code Symbol StampNA  |
|    | Signed R. L. Date 2-13-01  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 |
| ·  | Date  |

| 1. | Owner Norther  | n States P  | ower/Xce                                 | 1 Energy                         | Date 02/13/0                                  | 3/                             |  |   |
|----|--|---|--|----------------------------------|---|--------------------------------|--|---|
| 1  | 1 <u>717 Wakona</u>  | Name<br>de Dr. E. W   | lelch, MN                                | 55089                            | Sheeto  | f                              |  |   |
|    | Plant Prairie  |   |  |                                  | Unit  |                                |  |   |
|    | Same   | Address   |  |                                  | Work Order<br>Repair Orga                     | <i>000 742</i><br>nization P.0 | 6<br>0. No., Job No., e                  | itc.                                      |
| 3. | Work Performed by_   | Owner   | Vame                                     | <del></del>                      | Type Code Symbol Authorization No.            | NIA                            | ·····                                    |   |
|    | SAME   | Address   |  |                                  | Expiration Date                               |                                |  |   |
|    | Identification of Sys  | •   |  |                                  |   |                                |  |   |
| 5. | (a) Applicable Const   | truction Code <u>ANSE</u><br>on of Section XI Utili               | ized for Repairs                         | 67 Edition,<br>or Replacement    | s 19 <u>89</u>                                | \ddenda,                       |  | Code Case                                 |
| 6. | . Identification of Cor                                      |   |  |                                  |   |                                |  |   |
|    | Name of<br>Component   | Name of Manufacturer  | Manufacturer<br>Serial No.               | National<br>Board<br>No.         | Other<br>Identification                       | Year<br>Built                  | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
|    | cv-31098 Cover<br>Studs                                      | Ketemu Inc.<br>Schuttef Kverting                                  | NA                                       | NA                               |   |                                | Replaced                                 | No  |
| c  | N-31098 cover  | Schutted Kverting<br>Katema Mc.<br>Schutted Koorfing              | NA                                       | NA                               |   |                                | Replaced                                 | NO  |
|    |  |   |  |                                  |   |                                |  |   |
|    |  |   |  |                                  |   |                                |  |   |
|    |  |   |  |                                  |   |                                |  |   |
| 7  | 7. Description of Wor  | k Like for like   | rep become                               | nt of co                         | over studs a                                  | and nut                        | 5  |   |
| 8  | 8. Tests Conducted:  | Hydrostatic Protection Pressure                                   | neumatic N                               | lominal Operati<br>si Test Temp. | ng Pressure 🛭<br>° F                          |                                |  |   |
|    | NOTE: Suppleme<br>tion in items 1 the<br>recorded at the top | ntal sheets in form o<br>rough 6 on this repor<br>p of this form. | if lists, sketches,<br>rt is included on | or drawings ma<br>each sheet, an | ay be used, provided<br>d (3) each sheet is r | (1) size is 8<br>numbered a    | ½ in. x 11 in., (2)<br>nd the number o   | informa-<br>f sheets is                   |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

(12/82)

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|  | Applicable Manufacturer's Data Reports to be attached  |
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| to pro-  |  |
|  | Maria de Caracte |
|  | CERTIFICATE OF COMPLIANCE  |
| We certify that the statements ma  | ade in the report are correct and thisconforms to the rules of the   |
| ASME Code, Section X1.   | replacement  |
|  |  |
|  | •  |
| Type Code Symbol Stamp   |  |
|  | /.   |
| Certificate of Authorization No. N/A   | Expiration Date N/A  |
| Owner or Owner's Designee, Title   | AROBRAM ENGR. Date J-14-01   |
|  |  |
|  | CERTIFICATE OF INSERVICE INSPECTION  |
| , the undersigned, holding a valid commissi  | ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  |
| , the undersigned, holding a valid commission Province of Minacs + a   | ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the State nd employed by #\$3 I&I C. of  |
| , the undersigned, holding a valid commission Province of Minnesute all  | ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by #58 Tat C.   |
| the undersigned, holding a valid commission Province of Minnesute all Hartfurd, CT and this Owner's Report during the period.  | ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by #58 T+T C, have inspected the components described to 2/23/0/, and state that  |
| the undersigned, holding a valid commission Province of Minnesot and all the period and this Owner's Report during the period to the best of my knowledge and belief, the  | ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by #58 T&T C  |
| the undersigned, holding a valid commission Province of Minnesot and Action of the Device of the United States of the Device of the Device of the Device of the Device of the Device of the Device of the United States of the Device of the United States of the Device of the United States of the United Sta | have inspected the components described in this of the ASME Code, Section XI.  |
| the undersigned, holding a valid commission Province of Minnesute and Markfurd, CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requesty signing this certificate neither the In   | have inspected the components described in the Owner has performed examinations and taken corrective measures described in this suirements of the ASME Code, Section XI.   |
| the undersigned, holding a valid commission Province of Minnesute and Province of Minnesute and Province of Arthural, CT on this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requirements of the Province of the Instantian and corrective measures described in the Instantian and corrective measures described in the Instantian and corrective measures described in the Instantian and corrective measures described in the Instantian and corrective measures described in the Instantian and Instan | have inspected the components described in this Direments of the ASME Code, Section XI.  Inspector nor his employer makes any warranty, expressed or implied, concerning the cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer  |
| the undersigned, holding a valid commission Province of Minnesota and Action CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requirements of the period and belief, the Owner's Report in accordance with the requirements of the period | have inspected the components described in this Dynamics of the ASME Code, Section XI.  Inspector nor his employer makes any warranty, expressed or implied, concerning the cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer   |
| n, the undersigned, holding a valid commission Province of Minnesute and Activate, CT on this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the request By signing this certificate neither the Inexaminations and corrective measures described by liable in any manner for any person   | have inspected the components described to and employed by to 2/23/0/23/0/23/0/23/0/23/0/23/0/23/0/23  |
| I, the undersigned, holding a valid commission Province of Minnesute and Activate CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requestion of the province of  | have inspected the components described in this direments of the ASME Code, Section XI.  Inspector nor his employer makes any warranty, expressed or implied, concerning the cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer makes of any kind arising from or connected with this cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer nal injury or property damage or a loss of any kind arising from or connected with this   |
| I, the undersigned, holding a valid commission Province of Minnesute and Minnesute and Minnesute CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requirements of the signing this certificate neither the Interval of the commissions and corrective measures described in the significant of the signif | have inspected the components described in this direments of the ASME Code, Section XI.  Inspector nor his employer makes any warranty, expressed or implied, concerning the cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer makes of any kind arising from or connected with this cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer nal injury or property damage or a loss of any kind arising from or connected with this   |
| I, the undersigned, holding a valid commission Province of Minnesute and Act the CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requestion of the By signing this certificate neither the Interval of the Commission of the C | ion issued by the National Board of Boiler and Pressure Vessel Inspectors and the State and employed by HSB Tate Confidence of have inspected the components described to 2/23/6/2, and state that ne Owner has performed examinations and taken corrective measures described in this   |
| I, the undersigned, holding a valid commission Province of Minnesute and Act the CT in this Owner's Report during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requestion of the By signing this certificate neither the Interval of the Commission of the C | have inspected the components described to 2/23/6/2, and state that the Owner has performed examinations and taken corrective measures described in this direments of the ASME Code, Section XI.  Inspector nor his employer makes any warranty, expressed or implied, concerning the cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer nal injury or property damage or a loss of any kind arising from or connected with this   |

| Owner X(el                                 | 1401110                 |                            |                          | Date   |                                 | <u></u>                                       |                                   |
|--|-------------------------|----------------------------|--------------------------|--|---------------------------------|---|-----------------------------------|
| 717 Wakonade                               | Dr E, Welch             | MN 550                     | 89                       | Sheetof  |                                 |   |                                   |
| Plant Prairie                              |                         |                            |                          | Unit <u>1</u>  |                                 | <del></del>                                   | ·····                             |
| Same as                                    | Above.                  |                            |                          | Wo井 01 br<br>Repair Organ                                  |                                 |   |                                   |
| Work Performed by_                         | OWNE                    | <u>R</u>                   |                          | Type Code Symbol S Authorization No                        | Stamp                           | N/A<br>N/A                                    |                                   |
| SAME                                       | Address                 |                            | <del></del>              | Expiration Date  |                                 | NIA   |                                   |
| Identification of Syst                     |                         |                            |                          | (CLASS Z)  | <del></del>                     |   | <u></u>                           |
| (a) Applicable Const                       | ruction Code ASA        | E B31.119                  | 89 Edition,              | A  | ddenda,                         |   | Code Case                         |
| (b) Applicable Edition                     | on of Section XI Uti    | ized for Repairs o         | or Replacements          | 19_89  |                                 |   |                                   |
| Identification of Con                      | ononents Renaired r     | r Replaced and R           | eplacement Con           | nponents   |                                 |   |                                   |
| Identification of Col                      | mponents repaired       |                            |                          |  |                                 |   | ASME                              |
| Name of<br>Component                       | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification                                    | Year<br>Built                   | Repaired,<br>Replaced,<br>or Replacement      | Code<br>Stamped<br>(Yes<br>or No) |
| CS-14<br>COVER BOLTS                       |                         |                            |                          |  |                                 | REPLACEMEN                                    | T NO                              |
| & NUTS                                     |                         |                            |                          |  |                                 |   |                                   |
|  |                         |                            |                          |  |                                 |   |                                   |
|  |                         |                            |                          |  |                                 |   |                                   |
|  |                         |                            |                          |  |                                 |   |                                   |
|  | L                       |                            |                          |  | <u> </u>                        |   |                                   |
| 7. Description of Worl                     | REPLACE                 | ED ALL                     | BONNET                   | - 70 - BODY  | COVE                            | ER STUD                                       | S & N                             |
| 3. Tests Conducted:                        | Hydrostatic Pressure    | neumatic N                 | ominal Operation         | g Pressure°F   |                                 |   |                                   |
| NOTE: Supplement                           | NO TEST                 | S BOLTS                    | or drawings may          | ACED ONE<br>be used, provided (1<br>1 (3) each sheet is no | AT<br>1) size is 8<br>imbered a | A TIME . ½ in. x 11 in., (2) nd the number of | informa-<br>f sheets is           |
| tion in items 1 the<br>recorded at the top | of this form.           |                            |                          |  |                                 |   |                                   |

| 9. Remarks Studs were detensioned for replacement one at a time, so the system was not opened during performance of the work   |
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| Applicable Manufacturer's Data Reports to be attached  |
| The system was not opened during performance of The work   |
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| CERTIFICATE OF COMPLIANCE  |
| Mile complete at the state of t |
| We certify that the statements made in the report are correct and this conforms to the rules of the  |
| ASME Code, Section XI.   |
|  |
| ./.  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
|  |
| Signed K.B. Willed ASME PROGRAM ENGR. Date 2-20-01   |
| 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 HSB I+I Cd.   |
| Hart first, CT have inspected the components described in this Owner's Report during the period 2/16/01 to 2/21/01 , and state that  |
| in this Owner's Report during the period 2/16/01 to 2/21/01 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.  |
| JUL 1000 1000 1000 1000  |
| Inspector's Signature Commissions NB //872 ANT MN 395  National Board, State, Province, and Endorsements   |
| Inspector's Signature National Board, State, Province, and Endorsements  |
| 2/21/de +  |
| Date   |
|  |

|                            |   |                            |                                       |   | ٠ .                                   |  |   |
|----------------------------|---|----------------------------|---------------------------------------|---|---------------------------------------|--|---|
| 1. Owner XCt               | ? ENEX                                      | 247                        |                                       | Date  | -01                                   |  |   |
| 414 N                      | COLET                                       | MALL                       | MPLS                                  | Sheetl  | of                                    | ·  |   |
| 2. Plant PRA               | TRIE IS                                     | G GUAJ                     | UCUEAR                                | Unit  |                                       |  |   |
| 1717 U                     | Nam<br>JAKONA-DT                            | DR E.                      | · · · · · · · · · · · · · · · · · · · | Repair/Rep  | 2004                                  | 408  | atc   |
| 3. Work Performed          | 710070                                      |                            |                                       |   | tamp                                  | NIA  |   |
|                            |   |                            |                                       | Authorization No                                  |                                       | N/A  | <del></del>   |
| 42                         | ME Addre                                    | ess                        |                                       |   |                                       |  |   |
| 4. Identification of       | SystemCC                                    |                            | (CLASS                                | <u>z)</u>   |                                       |  | <del></del>   |
| 5. (a) Applicable          | Construction Code                           | <u>331.1</u>               | _, 1967 Ec                            | lition, NA  | _ Addend                              | la, <u>NA</u>  | Code Case   |
| (b) Applicable Ed          | dition of Section XI                        | Utilized for Repair/       | Replacement Activ                     | ity 1989  |                                       |  |   |
|                            | ection XI Code Case                         |                            |                                       |   |                                       |  |   |
|                            |   | <b>V</b>                   |                                       |   |                                       |  |   |
| 6. Identification of       | Components:                                 |                            |                                       |   | · · · · · · · · · · · · · · · · · · · | ·  | ACME  |
|                            |   |                            | National                              |   | V                                     | Corrected,   | ASME<br>Code<br>Stamped   |
| Name of<br>Component       | Name of<br>Manufacturer                     | Manufacturer<br>Serial No. | Board<br>No.                          | Other Identification                              | Year<br>Built                         | Removed, or<br>Installed                               | (Yes or No)   |
| NRCP                       | DRESSE                                      | C91060                     |                                       | CC-69~1   | -·                                    | Correcte   | D YES   |
| BRY CLYW                   | <u> </u>                                    |                            |                                       |   |                                       |  |   |
| ·                          |   |                            |                                       |   |                                       |  |   |
|                            |   |                            |                                       |   |                                       |  |   |
|                            |   |                            |                                       |   | ļ <u>-</u>                            |  |   |
|                            |   |                            |                                       |   |                                       |  |   |
|                            |   |                            |                                       |   |                                       |  |   |
|                            |   |                            |                                       |   |                                       |  |   |
|                            |   |                            |                                       |   |                                       | CR 2001  | 12.55   |
| 7. Description of V        | Work BERAIR                                 | ED CRACK                   | - IN FLAT                             | NAE WELD  | CROP                                  | CK 2001  | 1205)   |
| 8. Tests Conducte          | d: Hydrostatic 🗆                            | Pneumatic 🗆                | Nominal Ope                           | rating Pressure                                   | Exempt 🔀                              | •  |   |
|                            | Other 🗆 🛚 🕒                                 | ressure                    | psi                                   | emp°F   |                                       |  |   |
|                            |   | form of these sheets       | haa ay daawinga m                     | now he used provided (                            | 1) size is 8 <sup>1</sup>             | % in. x 11 in (2) inf                                  | formation in  |
| NOTE: Supplications 1 thro | olemental sneets in<br>ough 6 on this repor | t is included on eac       | h sheet, and (3) ea                   | nay be used, provided (<br>ch sheet is numbered a | nd number                             | of sheets is recorde                                   | ed at the top   |
| of this form               |   |                            |                                       |   |                                       | £   <b>  1   5   1   1</b>   1   1   1   1   1   1   1 | II <b>20</b> 70 <b>10</b> 0 <b>1 1</b> 00 100 100 100 100 100 100 100 100 1 |
| (7/99) This form           | n (E00030) may be obta                      | ained from the Order I     | Dept., ASME, 22 Law                   | Drive, Box 2300, Fairfield,                       | NJ 07007-230                          | 0.   |   |

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E00030

| 9. Remarks CONDITION REPORT 2001/205 EVALUATED THIS NON CONFORMANCE.  |
|---|
| Applicable Manufacturer's Data Reports to be attached   |
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| CERTIFICATE OF COMPLIANCE   |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.   |
| . J.  |
| Type Code Symbol Stamp  |
| Certificate of Authorization No. NA Expiration Date   |
| Certificate of Authorization No Expiration Date   |
| Signed P.B. Will ASME PROGRAM ENGR. Date 3-17-01  |
| Owner or Owner's Designee, Title  |
|   |
|   |
| OFFICIATE OF WOFFINAL   |
| CERTIFICATE OF INSERVICE INSPECTION<br>!, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province                           |
| of MinneSote and employed by HSB I&I Co.  |
| of Hartfard, CT have inspected the components describe  |
| in this Owner's Report during the period 2/20/01 to 2/20/01 , and state th  |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Repo   |
| 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 are |
| corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for an  |
| personal injury or property damage or a loss of any kind arising from or connected with this inspection.  |
| 12 11072 A.T. mal 200-  |
| Inspector's Signature Commissions National Board, State, Province, and Endorsements   |
| Date _2/20/ 01  |
| Date  |

| 1. Owner <u>NSP</u> /<br>414 NICO.<br>2. Plant <u>PEAIR</u><br>1717 WAE                               | XCEL ENE  | egy                                  |                                   | Date2 - 7   | -01                     |  | <del></del>                               |
|---|---|--------------------------------------|-----------------------------------|---|-------------------------|--|---|
| 4.4.4   | Name  | Muser                                | ADWIS MA                          | /a  | . /                     |  |   |
| 4/4 NICO  | Address   | 1 Thines                             | 47-00 2,17/1                      | SneetO  | <b>'</b>                |  |   |
| 2. Plant PRAIR.   | IE ISLAND   | N.G.F                                | <u>?</u>                          | Unit  |                         |  |   |
|   | Name  | 1./5000                              | 141/                              | 0100  | 288 c                   | 3  |   |
| 1717 WAR  | Address   | · , presca                           | 7774                              | Repair Organ  | ization P.              | O. No., Job No.,                         | etc.                                      |
| 3. Work Performed by  | OWNER   |                                      |                                   | Type Code Symbol                                    | Stamp                   | NA                                       |   |
|   | ŀ   | Name                                 |                                   | Type Code Symbol S Authorization No Expiration Date |                         | N/H                                      |   |
|   | Address   |                                      | <del></del>                       | Expiration Date                                     |                         | 7077.                                    | -   |
| 4. Identification of Sy   | etem 5/   |                                      | (CLASS                            | z)  |                         |  |   |
| <ul><li>5. (a) Applicable Con.</li><li>(b) Applicable Edit</li><li>6. Identification of Co.</li></ul> | ion of Section XI Util  | ized for Repairs o                   | or Replacement                    | s 19 <u>07</u>                                      | ddenda,                 |  | Code Case                                 |
| Name of<br>Component  | Name of<br>Manufacturer   | Manufacturer<br>Serial No.           | National<br>Board<br>No.          | Other<br>Identification                             | Year<br>Built           | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| ACCUMULATOR<br>NZ SUPPLY CV   | COPES-VULCAN  | •                                    |                                   | CV-3M40   |                         | REPAIR                                   | NO  |
|   |   |                                      |                                   |   |                         |  |   |
|   |   |                                      |                                   | <u></u>   |                         |  |   |
| 7. Description of Wor   | k REMOVE  | VISUAC                               | INDICA                            | TON & WEL   | BR                      | EPAIR                                    |   |
| 8. Tests Conducted:   | Hydrostatic Pr  | neumatic No.                         | ominal Operation                  | ng Pressure 🔲° F                                    |                         |  |   |
| NOTE: Suppleme<br>tion in items 1 th<br>recorded at the to  | ental sheets in form or<br>crough 6 on this report<br>p of this form, | f lists, sketches, or is included on | or drawings ma<br>each sheet, and | y be used, provided (1<br>d (3) each sheet is nu    | ) size is 8<br>mbered a | ½ in.x 11 in., (2)<br>nd the number of   | informa-<br>f sheets is                   |

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| .Remarks           |   |
|--------------------|---|
|                    | Applicable Manufacturer's Data Reports to be attached   |
|                    |   |
|                    |   |
|                    |   |
|                    |   |
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|                    |   |
|                    | CERTIFICATE OF COMPLIANCE   |
|                    | ertify that the statements made in the report are correct and this conforms to the rules of the repair are replacement  |
| ASME Code, Se      | ction XI.   |
|                    |   |
| Type Code Sym      | bol StampN/A  |
|                    | -   |
| Certificate of Au  | uthorization No. No. NA Expiration Date NA  |
| - 201              | TO Owner's Designee, Title  |
| Signed 7.0.0       | r or Owner's Designee, Title  |
|                    |   |
|                    | CERTIFICATE OF INSERVICE INSPECTION   |
| I, the undersign   | ed, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  |
| or Province of_    | Minnesatel and employed by HSB I+I Co.  |
| H                  | Report during the period $\frac{2}{76}$ have inspected the components described to $\frac{2}{6}$ , and state that   |
| in this Owner's    | Report during the period 2/10/ to 2/16/0/ , and state that  |
|                    | ny knowledge and belief, the Owner has performed examinations and taken corrective measures described in this in accordance with the requirements of the ASME Code, Section XI. |
|                    | his certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the   |
| examinations ar    | nd corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employe   |
| shall be liable in | n any manner for any personal injury or property damage or a loss of any kind arising from or connected with this   |
| inspection.        |   |
|                    |   |
| •                  | Inspector's Signature Commissions NB 11872 ANI MW 395 National Board, State, Province, and Endorsements   |
|                    | National Board, State, Province, and Endorsements   |
| Date               | 116/01  |
|                    |   |

| 1. Owner <u>Norther</u>  | n States P                                     | ower/Xce                   | <u>l Ene</u> rgy         | Date <u>03/19/0/</u>                                | <del></del>               | <del>.</del>                             |   |
|--------------------------|--|----------------------------|--------------------------|---|---------------------------|--|---|
| 1 <u>717 Wakonac</u>     | de Dr. E. Address                              | Welch, MN                  | <u>550</u> 89            | Sheet/ of.  | _/                        |  |   |
| 2. Plant <u>Prairie</u>  |  |                            |                          | Unit  | <del> </del>              | <u>,, </u>                               |   |
| Same                     | Address  |                            |                          | Work order 01. Repair Organ                         | 0054.<br>Ization P.       | 3<br>O. No., Job No., в                  | tc.                                       |
| 3. Work Performed by_    | Owner  | Name                       |                          | Type Code Symbol S Authorization No Expiration Date | tamp                      | N/A<br>N/A                               |   |
|                          |  |                            |                          | Expiration Date                                     |                           | N/A                                      | <del></del>                               |
| 4. Identification of Sys | Address<br>tem Schely (n)                      | ection                     |                          |   |                           |  |   |
| E (a) Applicable Cons    | truction Code AV                               | SZ <i>B31-1</i> 19         | در Edition,_             | Ac  | idenda,                   |  | Code Case                                 |
| (b) Applicable Edition   | on of Section XI Uti                           | lized for Repairs o        | or Replacements          | s 19 <u>89                                   </u>   |                           |  |   |
| 6. Identification of Cor |  |                            |                          |   |                           |  |   |
| Name of<br>Component     | Name of<br>Manufacturer                        | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other<br>Identification                             | Year<br>Built             | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |
| 1-51611-7 Bolts          |  |                            |                          |   |                           | Replacement                              | No  |
|                          |  |                            |                          |   |                           |  |   |
|                          |  |                            |                          | -   |                           |  |   |
|                          |  |                            |                          |   |                           |  |   |
|                          |  |                            |                          |   |                           |  |   |
|                          |  | ),                         |                          | 1, 0  |                           | <u> </u>                                 |   |
| 7. Description of Wor    | k icplaced 7                                   | x134 B7                    | 7 bolts w                | ith % X/2 b   | 0145 [81                  | 9.                                       |   |
| 8. Tests Conducted:      | Hydrostatic F                                  | Pneumatic N                | ominal Operation         | ng Pressure° F                                      |                           |  |   |
|                          | V7-3 /Antal sheets in form rough 6 on this rep | NSPECTIO                   | or drawings ma           | y be used, provided ('<br>d (3) each sheet is nu    | 1) size is 8<br>imbered a | 3½ in. x 11 in., (2)<br>and the number o | informa-<br>f sheets is                   |
| (12/82)                  | This Form (E00                                 | 030) may ce obta           | ined from the O          | order Dept., ASME, 34                               | 15 E. 47th                | st., New York, N                         | J.Y. 10017                                |

| Applicable Manufacturer's Data Reports to be attached  |
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| The state of the s |
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| CERTIFICATE OF COMPLIANCE  |
| We certify that the statements made in the report are correct and this sonforms to the rules of the ASME Code, Section XI.   |
| Toma ossa, occitor XI.   |
|  |
| Type Code Symbol StampN/A  |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
| - CAPITATION Date  |
|  |
| Signed K.B.W. ASME PROGRAM BNGR. Date 2-19-01 ,18-   |
|  |
|  |
| 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 Wingsta and amplaced by HINS 7 J T Co   |
| Hartford, CT have inspected the components described   |
| Hartford, CT  have inspected the components described to 2/21/61  to 2/21/61  no this Owner's Report during the period 2/21/61  to 2/21/61  no this Owner's Report during the period 2/21/61   |
| 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 employe  |
| 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.  |
|  |
| MR 11472 ANT MA 265  |
| Inspector's Signature Commissions National Board, State, Province, and Endorsements  |
| ,  |
| Date 2/21/01   |
| Date   |
|  |

| _        |                         |                       |   |                 |   |               |                             |  |
|----------|-------------------------|-----------------------|---|-----------------|---|---------------|-----------------------------|--|
| _        | Owner NS                | P/XCEL E              | inersu                                  |                 | Date (  | 2-04          | -01                         |  |
| ٦.       |                         |                       |   |                 | Date Of   |               |                             |  |
|          | 414 Nic                 | ollet Mp              | ls, MN                                  |                 | Sheetof   | -             |                             |  |
|          |                         |                       |   |                 | Unit  |               |                             |  |
| 2.       | Plant                   | rairie 75             | 13mg                                    | <del></del>     |   |               |                             | <del></del>                                      |
|          |                         | Kana la Da            | La labolale                             | MAI             | WO.01007  | 130 H         | 472W                        |  |
|          | IIII Wa                 | Konade Dr             | ive, weich                              | <del></del>     | Repair Organ  | ization P.C   | ). No., Job No.,            |  |
| 2        | Work Performed by_      | DWN                   | W.                                      |                 | Type Code Symbol S<br>Authorization No<br>Expiration Date | Stamp         | N/A                         |  |
| ٦.       | Mork renormed by        |                       | Name                                    |                 | Authorization No  |               | N/A                         | <del></del>                                      |
|          |                         |                       |   | <del>_</del>    | Expiration Date   |               | N/A                         |  |
|          |                         | Address               |   |                 |   |               |                             |  |
| 4.       | Identification of Sys   | tem                   |   |                 |   |               |                             | ····   |
| _        |                         | R                     | 366 10                                  | 67 Edition      | A   | ddenda.       |                             | Code Case  |
| 5.       | (a) Applicable Const    | on of Section XI Util | lized for Repairs                       | or Replacements | 19_89_  |               |                             | -  |
|          | (b) Applicable Lotti    | on or occion at our   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                 |   | •             |                             |  |
| 6.       | . Identification of Cor | nponents Repaired o   | r Replaced and R                        | eplacement Con  | nponents  |               |                             |  |
| ,        |                         |                       | <del></del>                             |                 | T   |               |                             |  |
|          |                         |                       |   |                 |   |               |                             | ASME   |
|          |                         |                       |   | •               |   |               |                             | Code   |
|          |                         |                       |   | National        |   |               | Repaired,                   | Stamped<br>(Yes                                  |
|          | Name of                 | Name of               | Manufacturer                            | Board           | Other<br>Identification                                   | Year<br>Built | Replaced,<br>or Replacement | 1  |
|          | Component               | Manufacturer          | Serial No.                              | No.             | Identification  | Built         |                             |  |
|          |                         |                       |   |                 |   |               |                             | ļ  |
| Γ        | Pressurizer             |                       |   |                 | 3-RC-5  | 1973          | Repair                      | No   |
| L        | spray Pipe              |                       |   |                 | 1 2 PC 7  | 1173          |                             | <del> </del>                                     |
|          |                         |                       |   |                 |   |               |                             |  |
| $\vdash$ |                         |                       |   |                 | -   |               |                             |  |
|          |                         |                       |   |                 |   |               |                             |  |
| T        |                         |                       |   |                 |   |               |                             |  |
| L        |                         |                       |   |                 |   | <b> </b>      |                             | ļ  |
|          |                         | İ                     |   |                 |   |               |                             |  |
| L        |                         |                       | <u> </u>                                | <u> </u>        |   | <u> </u>      | <u> </u>                    | <del>                                     </del> |
|          | . Description of Work   | RIFF                  | out live                                | لمين عد         | ications  | M             | ) # 0 (OC                   | 730  |
| 7        | . Description of Work   | 12013                 | 80 1 11VQ                               | or are          | (-03 ( 101 ) 3 .  |               |                             |  |
| 8        | 3. Tests Conducted:     | Hydrostatic P         | neumatic N                              | ominal Operatin | g Pressure  |               |                             |  |
| _        | FD HOVE                 | Other Pressure        | psi                                     | Test Temp       | °F  |               |                             |  |
|          | DT E                    | WALL THIC             | KNESS M                                 | EASUREM         | KNTS  |               |                             |  |
|          | NOTE: Supplemen         | stal cheets in form o | f lists sketches.                       | or drawings may | be used, provided (1                                      | ) size is 8½  | in. x 11 in., (2)           | informa-   |
|          | tion in items 1 thr     | ough 6 on this repo   | rt is included on                       | each sheet, and | (3) each sheet is nu                                      | mbered an     | a the number of             | 51166[2.12                                       |
|          | recorded at the top     | or this form.         |   |                 |   |               |                             |  |
|          |                         |                       |   |                 |   |               |                             |  |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| 9. Remarks Indications buffed out so that pre-freeze plug installation NDE would provide a clean PT so that post-freeze plug PT would be easier to analyze.   |
|---|
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and this conforms to the rules of the   |
| ASME Code, Section XI.  |
|   |
|   |
| Type Code Symbol Stamp  |
| Certificate of Authorization No. N/A Expiration Date N/A  Signed R. L. W. ASME PROGRAM ENGR. Date 2-5-01 ,18-   |
| CERTIFICATE OF INSERVICE INSPECTION   |
| 1, 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 HSB I &I Co. of Hart ford, CT have inspected the components described |
| in this Owner's Report during the period 2/4/01 to 2/7/0/ , 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.  |
| AB 11672 A ALT MA 295   |
| Commissions National Board, State, Province, and Endorsements   |
| Date  |

| 1. OwnerNS<br>NN                     | P/XCEL En  | iergy   |                   | DateO                               | 2-04          | -01                    |                 |  |
|--------------------------------------|--|---|-------------------|-------------------------------------|---------------|------------------------|-----------------|--|
| 1. Owner                             | Name   | - 14 1  |                   | Date 02-04-01 Sheet 1 of 1          |               |                        |                 |  |
| <u>414 Nice</u>                      | Address  | ST INTO                                       | <del></del>       | SheetOT.                            | •             |                        |                 |  |
| 2. Plant                             | rairie Ist                                       | and   |                   | Unit                                |               |                        | <del>_</del>    |  |
| 2. 110111                            | Name   | <br>  | UAAI              |                                     | N             | 4                      |                 |  |
| ITIT Wa                              | Konade Driv                                      | re, welch                                     | · Pulo            | Repair Organ                        | ization P.O   | A<br>. No., Job No., e | tc.             |  |
| e w the formed by                    | DWN  | N   |                   | Type Code Symbol S                  | tamp          | N/A                    |                 |  |
| 3. Work Performed by_                | Na   | me  |                   | Type Code Symbol S Authorization No |               | N/A                    |                 |  |
|                                      | Address  |   |                   | Expiration Date                     |               | <u> </u>               | <del></del>     |  |
|                                      | _  |   |                   |                                     |               |                        |                 |  |
| 4. Identification of Syst            |  |   |                   |                                     |               |                        |                 |  |
| 5. (a) Applicable Const              | truction CodeB3                                  | <u> ,                                    </u> | 6+ Edition,       | Ac                                  | ddenda,       |                        | Code Case       |  |
| (b) Applicable Edition               | on of Section XI Utiliz                          | ed for Repairs of                             | or Replacement    | s 19 <u>8</u> 1                     |               |                        |                 |  |
| 6. Identification of Cor             |  | Replaced and R                                | eplacement Co     | mponents                            |               |                        |                 |  |
| 6. Identification of Cor             | iponents repaired of                             | - Topicou and                                 |                   | ·                                   |               |                        | ·               |  |
|                                      |  |   |                   |                                     |               |                        | ASME            |  |
|                                      |  |   |                   | !                                   |               | Repaired.              | Code<br>Stamped |  |
|                                      | No. of   | Manufacturer                                  | National<br>Board | Other                               | Year          | Replaced,              | (Yes            |  |
| Name of Component                    | Name of<br>Manufacturer                          | Serial No.                                    | No.               | Identification                      | Built         | or Replacement         | or No)          |  |
|                                      |  |   |                   |                                     |               |                        |                 |  |
| Pressurizer                          |  | · · · · · · · · · · · · · · · · · · ·         |                   | 3-RC-5                              | 1973          | Repair                 | No              |  |
| spray Pipe                           |  |   |                   | 12-KG7                              | 1145          | Lepo                   |                 |  |
|                                      |  |   |                   |                                     |               |                        |                 |  |
|                                      |  |   |                   |                                     |               |                        |                 |  |
|                                      |  |   |                   |                                     | <b> </b>      |                        |                 |  |
|                                      |  |   |                   |                                     |               |                        |                 |  |
|                                      | -  |   |                   |                                     |               |                        |                 |  |
|                                      |  |   |                   |                                     | <u> </u>      |                        |                 |  |
| 7. Description of World              | 2 · CC   | L (). a                                       | NC TA             | Listins                             | WO            | # 0100                 | 729             |  |
| 7. Description of World              | k DUTT 0   | DI LIVE                                       | of or             | Chen 110013.                        | V-V-          |                        |                 |  |
| 8. Tests Conducted:                  | Hydrostatic Pne                                  | eumatic 🔲 N                                   | lominal Operati   | ing Pressure                        |               |                        |                 |  |
| Je Hort                              | Other Pressure_                                  | ps  | i Test Temp.      | F                                   |               |                        |                 |  |
|                                      | JALL 77+1 CLLNOC<br>ntal sheets in form of       | Maria aliasabas                               | or dealings ma    | ay he used provided (*              | 1) size is 8) | (2) in. x 11 in., (2   | informa-        |  |
| NOTE: Supplementation in items 1 the | ntal sheets in form of<br>rough 6 on this report | ists, sketches,<br>t is included on           | each sheet, ar    | nd (3) each sheet is nu             | ımbered ar    | id the number o        | f sheets is     |  |
| recorded at the top                  | p of this form.                                  |   |                   |                                     |               |                        |                 |  |
|                                      |  |   |                   |                                     |               |                        |                 |  |

| 9. Remarks Indications buffed out so that pre-freeze  |
|---|
| Plus installation NDE would provide a clean   |
| tief action has moore provide a clean   |
| PT so that post-freeze plug PT would  |
| be essier to analyze  |
|   |
| CERTIFICATE OF COMPLIANCE   |
| We certify that the statements made in the report are correct and this conforms to the rules of the ASME Code, Section XI.                        |
|   |
| Type Code Symbol Stamp  |
| Certificate of Authorization NoExpiration Date  |
| Signed R.B. C. Olik ASME PROGRAM ENGR. Date 3-5-01 79   |
| 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 |
| Hartfield, CT have inspected the components described in this Owner's Report during the period $\frac{2}{4}$ to $\frac{2}{7}$ , 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 por 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.    |
| All was a land  |
| Inspector's Signature Commissions National Board, State, Province, and Endorsements   |
| Date  |
|   |

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code, Section XI

|        |                 |   |   |   |  |                           | <del> </del>   |  |
|--------|-----------------|---|---|---|--|---------------------------|--|--|
| 1. Ov  | mer Nuc         | LEAR MAN  | MGEMENT                                       | Co                                      | Date 12-9  | -00                       |  |  |
| /:     | 117 WA          | Nan<br>Ko <i>nvade Ol</i>                         | ne<br>. E., WELCH                             | MI                                      | Date/ J - 9  | of2                       | •  |  |
| 2. Pla | ent PRAI        | CLEAR MANN. Nan  CONTABE DR  Addr  RIE /SLAM  Nan | ess N.G.                                      | 0                                       | Unit/  |                           |  |  |
|        | SAME            |   |   |   | WORK OR  | OER                       | 991257   | 6                                      |
| _      |                 | Adde  | _   |   |  |                           |  |  |
| 3. W   | ork Performe    | d by <u>OWNER</u><br>Nar                          |   |   | Type Code Symbol S Authorization No. — Expiration Date | tamp                      | I/A  | :                                      |
| _      | SAME            | Addi  | ress  |   | Expiration Date  | N                         | '/A  |  |
| 4. Ide | entification of |   |   |   |  |                           |  |  |
|        |                 |   |   | , , , ,                                 | Edition,   | _ Adden                   | da,  | Code Case                              |
| (b)    | Applicable E    | dition of Section XI                              | Utilized for Repair                           | Replacement Act                         | Year   |                           |  |  |
| (c)    | Applicable S    | ection XI Code Cas                                | es  |   |  |                           |  |  |
| 6. Ide | entification of | Components:                                       |   |   |  |                           |  |  |
|        | Name of         | Name of<br>Manufacturer                           | Manufacturer<br>Serial No.                    | National<br>Board<br>No.                | Other Identification                                   | Year<br>Built             | Corrected,<br>Removed, or<br>Installed                         | ASME<br>Code<br>Stamped<br>(Yes or No) |
|        | -3/329          | COPES-  | Ochui (to:                                    |   | AUX. SPRAY   |                           | CORRECTED  | No                                     |
| CV     | -3/3/7          | VULCAN  |   |   | VALVE  |                           |  | -                                      |
| _      |                 |   |   |   |  | <u> </u>                  |  |  |
|        |                 |   |   |   |  |                           |  |  |
|        |                 |   |   |   |  |                           |  |  |
|        |                 |   |   |   | ——————————————————————————————————————                 |                           |  |  |
|        |                 |   |   |   |  |                           |  |  |
|        |                 |   |   |   |  |                           |  |  |
|        |                 |   |   |   |  |                           |  |  |
| 7.0    | acceptant of    | Work REPLA  | 1CED (3)                                      | BONNET                                  | - 70 - BODY A  | WTS                       |  |  |
| 7. 0   | escription of   | TVOIR   |   |   |  | r                         |  |  |
| 8. Te  | ests Conducte   | ed: Hydrostatic                                   | Pneumatic 🗆                                   | Nominal Op                              | perating Pressure                                      | Exempt 🕱                  |  |  |
|        |                 | Other 🗆   | Pressure                                      | psi Test *                              | Temp°F   |                           |  |  |
|        | items 1 thro    | ough 6 on this repor                              | form of lists, sketc<br>rt is included on eac | hes, or drawings<br>ch sheet, and (3) e | may be used, provided (1<br>each sheet is numbered ar  | ) size is 8½<br>nd number | / <sub>2</sub> in. x 11 in., (2) info<br>of sheets is recorded | rmation in<br>I at the top             |
|        | of this form    | <b>1.</b>   |   |   |  |                           | 1 346 314 1115 31111 1   |  |
| (7/99  | ) This form     | n (E00030) may be obt                             | tained from the Order                         | Dept., ASME, 22 Lav                     | w Drive, Box 2300, Fairfield, N                        | IJ 07007-230              | о.   |  |

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E00030

## FORM NIS-2 (Back)

| 9. Remarks PRESERVICE VT-1 INSPECTION WAS PERFORMED ON THE   |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
| REPLACEMENT NUTS. ANII NOTIFICATION PRIOR TO THE   |
| REPLACEMENT DID NOT OCCUR. THIS NONCONFORMANCE IS  |
| BEING ADDRESSED BY CONDITION REPORT ZOOI 0709.   |
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| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
| Type Code Symbol StampN/A  |
|  |
| Certificate of Authorization No. N/A Expiration Date N/A   |
| Signed R.B.W. ASME PROGRAM ENGR. Date 5-2 01   |
| 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 Minasota and employed by HSR ILICo.   |
| of Hartfurd, CT have inspected the components described  |
| in this Owner's Report during the period 5/4/6/ to 5/16/6/ , 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.   |
| 2 1 0/0 UC72 10 / T 00 / 1 25/10 10  |
| Commissions NB 11872 ABNI, MN 039600 Co  Inspector's Signature  National Board, State, Province, and Endorsements  |
| Date   |
|  |

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code, Section XI

| 1 Owner XCE          | el Energy                     |                            |                          | Date 2-20                        | 0-01           |   |                                |
|----------------------|-------------------------------|----------------------------|--------------------------|----------------------------------|----------------|---|--------------------------------|
|                      | Jakonade<br>Addr              |                            |                          | Sheet 1                          | of G           | <u>.</u>  |                                |
| <u> </u>             | Addr                          | ess                        | <u> </u>                 | Unit 1                           |                |   |                                |
| 2. Plant Frai        | rie Island                    | ne                         |                          |                                  |                |   |                                |
|                      | Addr                          | ress                       |                          | Owner, W.                        | placement Orga | 007361<br>nization P.O. No., Job No   | ., etc.                        |
| 3. Work Performs     | ed by <u>OນກeT</u><br>Nar     |                            |                          | Type Code Symbol S               | StampN         | /4  |                                |
|                      | ame                           | пе                         |                          | Authorization No Expiration Date | N/1            | <i>Y</i>  |                                |
|                      | Addi<br>f System <u>React</u> |                            | (auacea)                 |                                  | •              |   |                                |
|                      |                               |                            |                          |                                  |                |   |                                |
| 5. (a) Applicable    | Construction Cod              | e Sec. III CL A            | L, <u>1968</u> E         | dition,                          | Addend         | la,   | Code Case                      |
| (b) Applicable       | Edition of Section XI         | Utilized for Repair        | Replacement Acti         | vity 89                          |                |   |                                |
| (c) Applicable S     | Section XI Code Case          | es                         |                          |                                  |                |   |                                |
| 6. Identification of |                               |                            |                          |                                  |                |   |                                |
| 6. Identification o  | or Components.                | <del></del>                |                          | T                                | T              | l   | ASME                           |
| Name of<br>Component | Name of<br>Manufacturer       | Manufacturer<br>Serial No. | National<br>Board<br>No. | Other Identification             | Year<br>Built  | Corrected,<br>Removed, or<br>Installed  | Code<br>Stamped<br>(Yes or No) |
| Reactor<br>Vessel    | Cresuor                       |                            |                          | 157-051                          | 1969           |   | Y                              |
| Conoseal             | Industries                    |                            |                          |                                  |                |   |                                |
|                      |                               |                            |                          |                                  |                |   |                                |
|                      |                               |                            |                          |                                  |                |   |                                |
|                      |                               |                            |                          |                                  | <u> </u>       |   |                                |
|                      |                               |                            |                          |                                  |                |   |                                |
|                      |                               |                            |                          |                                  |                |   |                                |
|                      |                               |                            |                          |                                  |                |   |                                |
| L                    |                               |                            |                          |                                  | _ <del></del>  |   | 1                              |
| 7. Description of    | Work Replace                  | ed one St                  | nd and                   | eighteen no                      | K 04           | Marman (  | lamps.                         |
| 8. Tests Conduct     | ted: Hydrostatic              | Pneumatic                  | Nominal Ope              | erating Pressure 🕱               | Exempt 🗆       |   |                                |
|                      | Other 💢 📗                     | Pressure <u>2235</u>       | psi Test T               | emp. <u>547</u> ∘ғ               | Service        | e test at s   | start up.                      |
| NOTE: Sur            | onlamental sheets in          | form of lists sketc        | hes or drawings r        | may be used, provided            |                | 200 <b>4 76 /</b><br>5 in. x 11 in., (2) inf  | formation in                   |
| items 1 thr          | rough 6 on this repor         | t is included on each      | ch sheet, and (3) ea     | ach sheet is numbered a          | ind number     | of sheets is recorde  | ed at the top                  |
| of this for          | n.                            |                            |                          |                                  |                | 1884   1844   1 | # 18W 11W1 WW AB               |
| (7/99) This for      | m (E00030) may be obt         | ained from the Order       | Dept., ASME, 22 Law      | Drive, Box 2300, Fairfield,      | NJ 07007-230   | D.  |                                |

E00030

## FORM NIS-2 (Back)

| 9. Remarks ANI NOTIFICATION DID NOT TAKE PLACE PRIOR TO THE  |
|--|
| 9. Remarks ANI NOTIFICATION DID NOT TAKE PLACE PRIOR TO THE  Applicable Manufacturer's Data Reports to be attached  LEPAIR   REPLACEMENT. THIS SITCLATION IS BEING RODRESSED   |
| IN CONDITION REPORT 20010709.  |
|  |
|  |
|  |
| CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp   |
| Certificate of Authorization No Expiration Date  |
|  |
| 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 Mignesore and employed by HSB TAT Co.   |
| in this Owner's Report during the period 5/2/61 to 5/2/61 , 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.  Commissions 1/8/1872 ANT B, MN 039600-Co  Inspector's Signature  National Board, State, Province, and Endorsements  Date 5/2/01 |

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code, Section XI

|                               | As                      | Required by th               | e Provisions of                       | the ASIVIE Code, S               | ection Ai     |   |                        |  |  |
|-------------------------------|-------------------------|------------------------------|---------------------------------------|----------------------------------|---------------|---|------------------------|--|--|
| . Owner XCE                   | L Eneval /              | NMC                          |                                       | Date                             | 1/30/0        |   | <u></u>                |  |  |
|                               | Nan                     | 1-1-1-1                      | ALL EDIS                              |                                  | 7             | •                                       |                        |  |  |
| 1711 W                        | AKONADE L               | v, Welch,                    | 1906 2001                             | Sheet                            | of            |   |                        |  |  |
| . Plant Prai                  | rie Islan               | nd                           | · · · · · · · · · · · · · · · · · · · | Unit                             |               |   |                        |  |  |
| Sam                           | Nan                     | ne .                         |                                       | 0002101 01                       | 00517         | 0100722.0                               | 100505                 |  |  |
|                               | Addr                    | ess                          |                                       | 0003/01,01<br>Repair/Rep         |               |   | etc.                   |  |  |
| . Work Performed              | by OWNER                |                              |                                       | Type Code Symbol Stamp           |               |   |                        |  |  |
| SAME                          |                         |                              |                                       | Authorization No Expiration Date |               |   |                        |  |  |
|                               | Addı                    |                              | <u> </u>                              |                                  |               |   |                        |  |  |
| Identification of             | System _ Ceae           | Hor Ceola                    | 147                                   |                                  |               |   |                        |  |  |
| (a) Applicable                | Construction Cod        | e <u>831.1</u>               | , 1967 Ed                             | lition,                          | Addend        | a, <u> </u>                             | _ Code Case            |  |  |
|                               |                         |                              |                                       |                                  |               |   |                        |  |  |
| (b) Applicable E              | dition of Section XI    | Utilized for Repair/         | Replacement Activ                     | ity 1981<br>Year                 |               |   |                        |  |  |
| (c) Applicable S              | ection XI Code Case     | es                           |                                       |                                  |               |   |                        |  |  |
| (о) г.рриосило о              |                         |                              |                                       |                                  |               |   |                        |  |  |
| . Identification of           | Components:             |                              |                                       |                                  |               |   |                        |  |  |
| ····                          |                         |                              | National                              |                                  |               | Corrected,                              | ASME<br>Code           |  |  |
| Name of<br>Component          | Name of<br>Manufacturer | Manufacturer<br>Serial No.   | Board<br>No.                          | Other Identification             | Year<br>Built | Removed, or<br>Installed                | Stamped<br>(Yes or No) |  |  |
| Loop A Press.<br>Spray Valve. | Masoneilan              |                              |                                       | CV131224                         | 1970          | REMOVED                                 | No                     |  |  |
| Leop B Press.<br>Spray Valve  | Masoneilan              |                              |                                       | CV:31225                         | 1970          | REMOVED                                 | No                     |  |  |
| Loop A Press.<br>Spean warve  | MASONERAN               | P401-541-1-1<br>P401-541-1-2 |                                       | CV-3/224                         | 2000          | INSTALLED                               | No                     |  |  |
| LODE & MESS.                  |                         | P401-541-1-Z                 |                                       | CV-31225                         | 1000          | INSTALLED                               | No                     |  |  |
| spray W.V.                    | MASONBILAN              | 7 70,700                     |                                       | <u> </u>                         | -000          | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                        |  |  |
|                               |                         |                              |                                       |                                  |               |   | ·                      |  |  |
|                               |                         | ,                            |                                       | ,                                |               |   |                        |  |  |
|                               |                         |                              |                                       |                                  | 1             |   |                        |  |  |
|                               | <u> </u>                |                              |                                       |                                  | <u> </u>      |   |                        |  |  |
| n Burnt die C                 | Nork Replace            | · value                      | nernals                               | and value                        | body          | per WO                                  | 5 01007                |  |  |
| 7. Description of \           |                         | 505,000                      |                                       |                                  | - 7           |   |                        |  |  |
| B. Tests Conducte             | d. Hydrostatic 🕅        | Pneumatic                    | Nominal Ope                           | rating Pressure 🕱                | Exempt 🗆      |   |                        |  |  |
|                               | و<br>Debase □           | - per wo o                   | <b>20476 @</b>                        | 2780 psiès RC                    | 2-bisz        | yre                                     |                        |  |  |
|                               | Other 🗆                 | Pressure 2280                | side) lest le                         | лир. <u>— У </u>                 |               |   |                        |  |  |
| NOTE: Supp                    | olemental sheets in     | form of lists, sketch        | nes, or drawings m                    | nay be used, provided (          | 1) size is 8½ | in. x 11 in., (2) info                  | rmation in             |  |  |

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is  $8\frac{1}{2}$  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 number of sheets is recorded at the top of this form.

(7/99) This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

E00030

## FORM NIS-2 (Back)

| 9. Remarks   |
|--|
| Applicable Manufacturer's Data Reports to be attached  |
|  |
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|  |
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|  |
| CERTIFICATE OF COMPLIANCE  |
| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  |
|  |
| Type Code Symbol Stamp   |
|  |
| Certificate of Authorization No Expiration Date N/A  |
| Certificate of Authorization No. NA Expiration Date NA  Signed 8. B. William ASME PROGRAM ENGR. Date 5-22 , 8001   |
| 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 HSB I+F Co.   |
| of Martine have inspected the components described   |
| of Minnesots and employed by $\frac{HSB}{L + L} \frac{L + L}{L} \frac{L}{$ |
| 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 1  |
| personal injury or property damage or a loss of any kind arising from or connected with this inspection.   |
| All Maria Ad alt Maria de  |
| Inspector's Signature Commissions NB 11872 AB NI, MN 039600 - CO  National Board, State, Province, and Endorsements  |
| Date 5/22/4  |
| Date   |

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code, Section XI

| <b>7</b>                | Adde                                   | E. WELCH                   | 7-614            | Date  |                    |                          |                        |
|-------------------------|--|----------------------------|------------------|---|--------------------|--------------------------|------------------------|
| Plant PRA               | IRIE ISLAN                             | 10 N.G.A.                  |                  | Unit/   |                    |                          |                        |
| SAME                    | Add                                    |                            |                  | 0100505, 0<br>Repair/Rep                                  | 1005               | 17, 000310               | 1,01007                |
|                         |  |                            |                  |   |                    |                          |                        |
| Work Performed          | l by <u>OWNER</u><br>Nam               | me                         |                  | Type Code Symbol S  | tamp               | NIA                      | :                      |
|                         |  |                            |                  | Type Code Symbol S<br>Authorization No<br>Expiration Date |                    | NIA                      |                        |
|                         | Add                                    | ress                       |                  | Expiration bate   | -                  |                          |                        |
| Identification of       | System ZEA                             | CTOR COOL                  | ANT              |   |                    |                          | <u>.</u>               |
| (b) Applicable E        | dition of Section XI                   | Utilized for Repair/I      | Replacement Acti | vity <u>1989</u><br>Year                                  |                    |                          |                        |
|                         |  |                            | National         |   | <u> </u>           | Corrected,               | ASME<br>Code           |
| Name of<br>Component    | Name of<br>Manufacturer                | Manufacturer<br>Serial No. | Board<br>No.     | Other Identification                                      | Year<br>Built      | Removed, or<br>Installed | Stamped<br>(Yes or No) |
| Component<br>CESSULIZER | Wallacturer                            | Certai No.                 | 110.             |   |                    |                          |                        |
| PRAY PIPE               |  |                            | _                | 3-RC-5  |                    | REMOVED                  | NO                     |
| LESSURIZER              |  |                            |                  | 3-RC-5  |                    | INSTALLED                | No                     |
|                         |  |                            |                  | 3   |                    |                          |                        |
|                         |  |                            |                  | i   | }                  |                          |                        |
|                         |  |                            |                  |   |                    |                          | · . • .                |
| PRAY PIPE               |  |                            |                  |   |                    |                          |                        |
| PRAY PIPE               | Vork REPLAC                            | ED PIPE II                 | N CONJUN         | ICTION WITH   | PRÉSSI             | IRIZER SPR<br>REPLA      | AY VALVI               |
| Description of V        | Vork <i>REPLAC</i><br>d: Hydrostatic ⋈ | Pneumatic 🗆                |                  | CTION WITH  | PRESSO<br>Exempt □ |                          | AY VALVI<br>ICEMENT.   |

This form (E00030) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300. (7/99)

## FORM NIS-2 (Back)

| Remarks _57                     | PCE-ME-C   | 2629 DOCUMES   |   | APPED PRIAT                            |                         | LSING                                 |
|---------------------------------|--|--|---|--|-------------------------|---------------------------------------|
| A312                            | MATERIAL   | IN PLACE OF  |   | •                                      |                         |                                       |
|                                 | <u> </u>   |  |   |  |                         | •                                     |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         | •                                     |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
| <del></del>                     | · · · · · · · · · · · · · · · · · · ·              |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
| w                               |  |  |   |  |                         |                                       |
|                                 |  | CERTI  | FICATE OF COM                           | DITANCE                                |                         |                                       |
| I certify that                  | t the statements mad                               | le in the report are correct a                             |   |  | ents of the ASMF Code   | e Section YI                          |
|                                 |  |  |   |  |                         | 2, 0000011 XI.                        |
| Type Code Sym                   | nbol Stamp   | NIA  |   |  |                         |                                       |
| Cartificate of A                | othanination No.                                   | NIA<br>ASME PEDGEAM EL                                     | Francisco Albara Danie                  | 11/0                                   |                         |                                       |
| certificate of At               | ithorization No.                                   |  | expiration Date                         | / / / / /                              |                         |                                       |
| Signed K.                       | . Wellex   | ASME PROGRAM EL  | VGR. Date                               | 5-22                                   | 2001                    | · · · · · · · · · · · · · · · · · · · |
|                                 | Owner or Owner's                                   | Designee, Title  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  |  |   |  |                         |                                       |
|                                 |  | CERTIFICATE  | OF INSERVICE I                          | NSPECTION                              |                         |                                       |
| I, the unders                   | signed, holding a valid                            | d commission issued by the                                 | National Board of                       | Boiler and Pressure V                  | essel Inspectors and th | ne State or Province                  |
| of Minnesot                     | and employ   | yed by HSB I &I Co   | <i>'</i> ,                              |  |                         |                                       |
| of                              | Papart during the ne                               | riod 2/1/01  |   | h                                      | ave inspected the con   | ponents described                     |
| to the best of m                | y knowledge and bel                                | ief, the Owner has performe                                | d examinations a                        | nd taken corrective m                  | easures described in t  | is Owner's Report                     |
| in accordance w                 | ith the requirements                               | of the ASME Code, Section                                  | XI.                                     |  |                         | •                                     |
| by signing t<br>corrective meas | inis certificate neither<br>ures described in this | the Inspector nor his emplo<br>S Owner's Report. Furthermo | yer makes any wa<br>ore, neither the In | arranty, expressed or i                | mplied, concerning the  | examinations and                      |
| personal injury                 | or property damage                                 | or a loss of any kind arising                              | from or connecte                        | ed with this inspection                | i.                      | my manner for any                     |
| . ()                            |  |  | 11 11670                                | 1015 1                                 | 1.900                   |                                       |
| ln:                             | spector's Signature                                | Commissions  | National Roard                          | ABNI, MA<br>I, State, Province, and En | 057600-CO               | <del></del>                           |
| Date 5/22                       |  |  |   | , 5.360, 1 TOTALIOE, BILD EII          | aci delligiita          |                                       |
| Date                            |  |  |   |  |                         |                                       |

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

| 1. Owner NSP  | xcel Enc                | vory-                      |  | Deno Febru              | wy            | 15,20                                    | 21_                                       |  |  |  |
|---|-------------------------|----------------------------|--|-------------------------|---------------|--|---|--|--|--|
| 1717 Wa   | Konade !                | Drive E                    | act MN F   | Sheetof                 | <u>2, t</u>   |  | *******                                   |  |  |  |
| 2. Plant PVUV1  | e Island                |                            |  | Unit                    |               |  |   |  |  |  |
| 1717 W  | akonade                 | Drive                      | FUST<br>AN 55089   | WO#<br>Repeir Organ     | OIO           | 0707                                     | nte.                                      |  |  |  |
| 3. Work Performed by OINIVIC Type Code Symbol Stamp NA  Name Authorization No. NA  Expiration Date NA   |                         |                            |  |                         |               |  |   |  |  |  |
| 4. Identification of System ZC, CONTAINMENT VENTIATION (CCASS   |                         |                            |  |                         |               |  |   |  |  |  |
| 4. Identification of System 20 11 11 NB 19 14 Addenda 1392 Code Case  5. (a) Applicable Construction Code Scitic III-NB 19 145 Edition, Mynual 1917 Addenda, 1392 Code Case |                         |                            |  |                         |               |  |   |  |  |  |
| <ul><li>(a) Applicable Const</li><li>(b) Applicable Edition</li></ul>   |                         |                            |  |                         |               |  |   |  |  |  |
| 6. Identification of Components Repaired or Replaced and Replacement Components  1 PENC - PAL   |                         |                            |  |                         |               |  |   |  |  |  |
| Name of Component   | Name of<br>Manufacturer | Manufacturer<br>Serial No. | National<br>Board<br>No.   | Other<br>Identification | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |  |  |  |
| Pencivation<br>Scal housings  | (B#1                    | _                          | N/A  | exterior                | 1969          | replaced                                 | No  |  |  |  |
| Penetrum<br>Seal honsingo   | Trentee                 |                            | N/A  | extenor                 | 2001          | replacement                              | Ŋο  |  |  |  |
| Perenativi<br>Ceal housings   | CB41                    | -                          | NIA  | exterior                | 1969          | replaced                                 | No  |  |  |  |
| Penetration<br>Sai housius  | Trantec                 | •                          | N/A  | exterior                | 2001          | roplacemen                               | No  |  |  |  |
| Penetrations  | 21341                   | -                          | N/A  | interior                | 1969          | replaced                                 | No  |  |  |  |
| 7. Description of Work  8. Tests Conducted:   | the lin                 | IT   PTVSi<br>neumatic  N  | MINDER A COMMINIST OPERATION OF THE STEPPING O | YOCK.                   | H no          | ducings                                  | fer                                       |  |  |  |
|   | <b>&gt;~</b> .          |                            |  |                         |               |  |   |  |  |  |

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% 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.

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

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(12/82)

| FORM NIS-2 (Back)   |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| 9. Remarks Reconciliation from the 19105 code to 1989 code  |  |  |  |  |  |  |  |
| was performed by Applicable Manufacturer's gate Reports to be attached.  Nas performed by Applicable Manufacturer's gate Reports to be attached.  France of Services  |  |  |  |  |  |  |  |
| Corporation per Calculation DI-P-065  |  |  |  |  |  |  |  |
| POST MAINT. TEST COMPLETED UNIDER W.O. 0013147  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
| CERTIFICATE OF COMPLIANCE   |  |  |  |  |  |  |  |
| We certify that the statements made in the report are correct and this YOULICANDLE conforms to the rules of the ASME Code, Section XI.  repair or replacement   |  |  |  |  |  |  |  |
| Type Code Symbol StampNA  |  |  |  |  |  |  |  |
| Certificate of Authorization No. NA Expiration Date NA  |  |  |  |  |  |  |  |
| Signed R.B. Willia ASME PROGRAM ENGR. Date 2-23-01  |  |  |  |  |  |  |  |
| 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 AMEGINE and employed by HSB LAI Co.  |  |  |  |  |  |  |  |
| in this Owner's Report during the period 2/8/01 to 2/27/01 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. |  |  |  |  |  |  |  |
| inspector's Signature Commissions NB 11872 ANT, MN 355  National Board, State, Province, and Endorsements   |  |  |  |  |  |  |  |
| Date 2/27/01 19   |  |  |  |  |  |  |  |

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

| . Plant Marie 1   | Name ON NAC DIÓY Address GâNA NU UCO Name CONA ACTESS | iv Plant                           | <del></del> ,             | Unit <u><b>4</b></u>   55089 =                      | # DO          | 0.8419<br>0, No., Job No., 6             | Peo. 1.                                   | sc<br>C |
|---|---|------------------------------------|---------------------------|---|---------------|--|---|---------|
| Work Performed by   | Address   | Name                               | <del></del>               | Type Code Symbol S Authorization No Expiration Date |               | NA<br>NA<br>NA                           | •   |         |
| <ul> <li>i. Identification of Sy</li> <li>ii. (a) Applicable Con</li> <li>(b) Applicable Edi</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <li>iii.</li> <l< td=""><td>Scrit<br/>struction Code<br/>tion of Section XI Uti</td><td>MIII-NB<br/>19<br/>lized for Repairs</td><td>Edition, don Replacements</td><td>Naddorda<br/>Novah 1967 Ad<br/>19<u>92</u></td><td></td><td></td><td>Code Case</td><td></td></l<></ul> | Scrit<br>struction Code<br>tion of Section XI Uti     | MIII-NB<br>19<br>lized for Repairs | Edition, don Replacements | Naddorda<br>Novah 1967 Ad<br>19 <u>92</u>           |               |  | Code Case                                 |         |
| Name of<br>Component  | Name of<br>Manufacturer                               | Manufacturer<br>Serial No.         | National<br>Board<br>No.  | Other<br>Identification                             | Year<br>Built | Repaired,<br>Replaced,<br>or Replacement | ASME<br>Code<br>Stamped<br>(Yes<br>or No) |         |
| enciration<br>ital Housina  | CB#1  | -                                  | N/A                       | exterior upper                                      | 1969          | replaced                                 | No  |         |
| enetratim)  | Trenteu   | -                                  | N/A                       | exterior upper                                      | 7000          | reparement                               | No  |         |
| ical Housing  | CB#1  |                                    | N/A                       | exterior rower                                      | 1969          | replaced                                 | No  |         |
| enctration  |   |                                    | N/A                       | exterior lawer                                      | 2000          | replacement                              | No  | ŧ       |
| cal Housing<br>enchann  | Trentee   |                                    | 1                         |   |               | raidand                                  | No  |         |
| scal Housing thetration was the sound of the  | Trentee<br>CB#1                                       | _                                  | N/R                       | interior upper                                      | 1969          | replaced                                 | 100                                       |         |
| enctration cal Housivg cnetration Scal Housivg enctration cal Housivg   | +   | four hava                          | <u> </u>                  |   |               | <del></del>                              |   | iVl     |

This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

recorded at the top of this form.

(12/82)

## FORM NIS-2 (Back)

| 9. Remarks Reconciliation from 1945 code to 1989 code was performed   |   |
|---|---|
| by Automated Engineering Services Corporation per Calculation   |   |
|   |   |
| PI-P-DasANH NOTHERATION DID NOT OCCUR PRIOR TO 6/4/1  |   |
| REPLACEMENT: THIS MON-CONFORMANCE IS ADDRESSED IN PRINCE ON MINI  |   |
| -CONSTRON ASSOCT 20010709.  | 1 |
|   |   |
| CERTIFICATE OF COMPLIANCE   |   |
| We certify that the statements made in the report are correct and thisconforms to the rules of the ASME Code, Section XI.   |   |
| Nome Code, Section X).  |   |
|   |   |
| Type Code Symbol Stamp  |   |
| Certificate of Authorization No. N/A Expiration Date N/A  |   |
|   |   |
| Signed Signed Signed PROGRAM ENGL. Date 5-4-01 19   |   |
|   | ŧ |
| 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   |   |
| Hart find CT  |   |
| in this Owner's Report during the period ///// to 5/4/6/ , 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.   |   |
| - All uses and mysses   |   |
| Inspector's Signature Commissions NB 1/872 ANT, MN 039604 - CO National Board, State, Province, and Endorsements  |   |
| Date5/4/0/ 19   |   |
|   |   |
|   |   |

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# FORM NIS-2 Page 2 of 2 72 of 2

| Name of Component | Name of<br>Manufacturer | Manufacturer Serial<br>No. | National<br>Board No. | Other<br>Identification | Year<br>Built | Repaired, Replaced, or Replacement | ASME<br>Code<br>Stamped? |
|-------------------|-------------------------|----------------------------|-----------------------|-------------------------|---------------|------------------------------------|--------------------------|
| Penetration       |                         |                            | -                     |                         |               |                                    |                          |
| Seal              |                         | ·~-                        |                       |                         |               |                                    |                          |
| Housings          | CB&I                    |                            | N/A                   | interior upper          | 2000          | replacement                        | No                       |
| Penetration       |                         |                            |                       |                         |               |                                    | 1                        |
| Seal              |                         |                            |                       |                         |               |                                    |                          |
| Housings          | Trentec                 |                            | N/A                   | interior lower          | 1969          | replaced                           | No                       |
| Penetration       |                         |                            |                       |                         |               |                                    |                          |
| Seal              |                         |                            |                       |                         |               |                                    |                          |
| Housings          | CB&I                    |                            | N/A                   | interior lower          | 2000          | replacement                        | No                       |

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## NORTHERN STATES POWER INSERVICE INSPECTION

## SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

### APPENDIX A

## INTERVAL 3 PERIOD 3 INSPECTIONS BY COMPONENT CLASS AND SUMMARY NUMBER.

### 11 Pages

. The information contained in this appendix is computer generated by the ISI database management system includes other non-code inspection results. As allowed by 10CFR55a(g)(6)(ii)(B)(5) the containment inspection program (IWE) will be maintained and available for NRC audit and review at the plant site after September 9<sup>th</sup>, 2001. The non-code inspection results listed within this appendix have not been reviewed or certified by the ANI inspector and are not covered by the form NIS-1 submitted with this summary report.

Owner: Northern States Power/ Xcel Energy LLC. Plant; 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No. | Comp ID        | Comp Desc.                   | Category          | Item            | Procedure                | Method/She | et/Results | System | ISO Num | Exam Date |
|-------------|----------------|------------------------------|-------------------|-----------------|--------------------------|------------|------------|--------|---------|-----------|
|             |                |                              |                   |                 |                          |            |            |        |         |           |
| Class 1     | 1447           | Value Dine                   | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 11 NAD     | RC     | ISI-1B  | 1/24/2001 |
| 300037      | W-7            | Valve-Pipe                   | в-J<br>B-J        | B9.21           | ISI-PT-1                 | PT 2001P   |            | RC     | ISI-1B  | 1/24/2001 |
| 300038      | W-6            | PIPE - Valve                 |                   | B9.21           | ISI-PT-1                 | PT 2001P   |            | VC     | ISI-1F  | 1/25/2001 |
| 300106      | W-7            | 45° ELBOW - PIPE             | B-J               | B10.20          | ISI-PT-1                 | VT 2001V   |            | SI     | ISI-2   | 1/23/2001 |
| 300127      | H-3            | SPRING                       | B-K-1             | B10.20          | ISI-V1-2.0               | PT 2001P   |            | SI     | ISI-2   | 1/26/2001 |
|             | 144 99         | DIDE EL BOW                  | D 1               | DO 44           | ISI-PT-1                 | PT 2001P   |            | RC     | ISI-2   | 1/23/2001 |
| 300129      | W-7            | PIPE-ELBOW                   | B-J               | B9.11           |                          | UT 2001U   |            | RC     | ISI-2   | 1/24/2001 |
|             |                | MANUEL DIDE                  | Б.                | 50.44           | ISI-UT-16A<br>ISI-UT-16A | UT 2001U   |            | RC     | ISI-2   | 1/25/2001 |
| 300130      | W-6            | VALVE - PIPE                 | B-J               | B9.11           |                          |            |            |        | ISI-2   | 1/23/2001 |
|             |                |                              |                   |                 | ISI-PT-1                 | PT 2001P   | JUS NAD    | RC     | 131-2   | 1/23/2001 |
| Comments:   | Limited to     | 75% examination Coverage     | e. Single Sided e | examination due | e to pipe configurat     | ion.       |            |        |         |           |
| 300193      | W-2            | 45° ELBOW - PIPE             | B-J               | B9.11           | ISI-UT-16A               | UT 2001U   | 011 NAD    | RH     | ISI-3C  | 2/1/2001  |
|             |                |                              |                   |                 | ISI-PT-1                 | PT 2001P   | 040 NAD    | RH     | ISI-3C  | 1/31/2001 |
| 300202      | B-1            | VALVE BOLTING                | B-G-2             | B7.70           | ISI-VT-1.0               | VT 2001V   | 093 NAD    | RC     | ISI-9   | 1/30/2001 |
| 300221      | W-4            | PIPE - ELBOW                 | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 067 NAD    | RC     | ISI-5A  | 2/13/2001 |
| Comments:   |                | e examination for valve repl | lacement          |                 |                          |            |            |        |         |           |
|             |                |                              |                   |                 |                          |            |            |        |         |           |
| 300222      | W-5            | ELBOW - PIPE                 | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 051 NAD    | RC     | ISI-5A  | 2/7/2001  |
| Comments:   | Pre-Sevice     | e examination for valve repl | lacement          |                 |                          |            |            |        |         |           |
|             |                |                              |                   |                 |                          |            |            |        |         |           |
| 300223      | W-6            | PIPE - VALVE                 | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 059 NAD    | RC     | ISI-5A  | 2/10/2001 |
| •••         |                |                              |                   |                 | ISI-PT-1                 | PT 2001P   | 052 NAD    | RC     | ISI-5A  | 2/7/2001  |
| Comments:   | Pre-Sevice     | e examination for valve rep  | lacement          |                 |                          |            |            |        |         |           |
|             |                | •                            |                   |                 |                          |            |            |        |         |           |
| 300224      | W-7            | VALVE - ELBOW                | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 058 NAD    | RC     | ISI-5A  | 2/10/2001 |
| 300224      | 4 4-7          | V/CVL - LLDOV                | 50                | 50.21           | ISI-PT-1                 | PT 2001P   |            | RC     | ISI-5A  | 2/7/2001  |
| Comments:   | Pre-Service    | e Examinations for valve re  | enlacement        |                 | 101111                   | 1 1 20011  | 000 1      |        |         |           |
| Comments.   | 110-001410     | C Examinations for valve in  | opiacomone.       |                 |                          |            |            |        |         |           |
| 300225      | W-8            | ELBOW - PIPE                 | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | OSA NAD    | RC     | ISI-5A  | 2/7/2001  |
|             |                |                              |                   | D9.21           | 101-1-1                  | F1 2001F   | 054 NAD    | NO     | 101-3/4 | 2/1/2001  |
| Comments:   | Fie-Servic     | e Examination for valve re   | piacement         |                 |                          |            |            |        |         |           |
| 300294      | W-4            | ELBOW-PIPE                   | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 060 NAD    | RC     | ISI-5D  | 2/10/2001 |
| Comments:   |                | e Examination for valve re   |                   | 50.21           |                          |            |            |        |         |           |
| Comments.   | FIE-SEIVIC     | e Examination for valve re   | placement         |                 |                          |            |            |        |         |           |
| 300295      | W-5            | PIPE - VALVE                 | B-J               | B9.21           | ISI-PT-1                 | PT 2001P   | 036 NAD    | RC     | ISI-5D  | 1/31/2001 |
| Comments:   |                | e Examination for valve re   | _                 | 20.21           | 10                       | 25011      |            | ,,,,   | ,0,00   |           |
| Comments.   | 1 10 - COI VIC | C Examination for faire to   | piacomone         |                 |                          |            |            |        |         |           |
| 200206      | 141.6          | VALVE - PIPE                 | ВΙ                | B9.21           | ISI-PT-1                 | PT 2001P   | 037 NAD    | RC     | ISI-5D  | 1/31/2001 |
| 300296      | W-6            |                              | B-J               | D9.41           | 101-1 1-1                | F1 2001F   | USI INAL   | NO     | 101-30  | 1/31/2001 |
| Comments:   | Fie-Servic     | ce Examnation for valve rep  | nacement          |                 |                          |            |            |        |         |           |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis,MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No. | Comp ID        | Comp Desc.                     | Category      | Item           | Procedure    | Method/Sheet/Results | System | ISO Num  | Exam Date |
|-------------|----------------|--------------------------------|---------------|----------------|--------------|----------------------|--------|----------|-----------|
| 300297      | W-7            | PIPE-45 ELBOW                  | B-J           | B9.21          | ISI-PT-1     | PT 2001P061 NAD      | RC     | ISI-5D   | 2/10/201  |
| Comments:   |                | e Examnation for valve replace | ement         |                |              |                      |        | · ·      |           |
|             |                |                                |               |                |              |                      |        |          |           |
| 300309      | W-8            | PIPE - VALVE                   | B-J           | B9.21          | ISI-PT-1     | PT 2001P021 NAD      | RC     | ISI-6    | 1/25/2001 |
| 300313      | W-4            | PIPE - FLANGE                  | B-J           | B9.21          | ISI-PT-1     | PT 2001P020 IND      | RC     | ISI-6    | 1/25/2001 |
| Comments:   | All Indication | ons Code Acceptable per IWE    | 3-3514-1 CR 2 | 20011561       |              |                      |        |          |           |
|             |                |                                |               |                |              |                      |        |          |           |
| 300330      | W-13           | PIPE - VALVE                   | B-J           | B9.40          | ISI-PT-1     | PT 2001P025 NAD      | RC     | ISI-7    | 1/26/2001 |
| 300331      | W-14           | VALVE - PIPE                   | B-J           | B9.40          | ISI-PT-1     | PT 2001P026 NAD      | RC     | ISI-7    | 1/26/2001 |
| 300357      | W-10           | PIPE - RTD MANIFOLD            | B-J           | B9.21          | ISI-PT-1     | PT 2001P023 NAD      | RC     | ISI-8    | 1/26/2001 |
| 300361      | W-14           | PIPE - ELBOW                   | B-J           | B9.21          | ISI-PT-1     | PT 2001P057 NAD      | RC     | ISI-8    | 2/7/2001  |
| 300378      | W-9            | VALVE - PIPE                   | B-J           | B9.40          | ISI-PT-1     | PT 2001P024 NAD      | RC     | ISI-8    | 1/26/2001 |
| 300396      | W-12           | PIPE - VALVE                   | B-J           | B9.40          | ISI-PT-1     | PT 2001P018 NAD      | RC     | ISI-10   | 1/25/2001 |
| 300398      | W-14           | PIPE - RED TEE                 | B-J           | B9.21          | ISI-PT-1     | PT 2001P017 NAD      | RC     | ISI-10   | 1/25/2001 |
| 300411      | B-2            | 4 ORIFICE BOLTS                | B-G-2         | B7.50          | ISI-VT-1.0   | VT 2001V034 NAD      | VC     | ISI-11A  | 1/26/2001 |
| Comments:   | Examined       | in Place.                      |               |                |              |                      |        |          |           |
|             |                |                                |               |                |              |                      |        |          |           |
| 300415      | W-13           | FLANGE - PIPE                  | B-J           | B9.21          | ISI-PT-1     | PT 2001P028 NAD      | VC     | ISI-11A  | 1/26/2001 |
| 300420      | W-11           | TEE - PIPE                     | B-J           | B9.21          | ISI-PT-1     | PT 2001P029 NAD      | VC     | ISI-11A  | 1/26/2001 |
| 300442      | W-8            | VALVE - PIPE                   | B-J           | B9.40          | ISI-PT-1     | PT 2001P031 NAD      | VC     | I\$I-11B | 1/27/2001 |
| 300514      | W-1            | RC PUMP - PIPE                 | B-J           | B9.11          | ISI-UT-16A   | UT 2001U039 NAD      | RC     | ISI-12C  | 2/15/2001 |
|             |                |                                |               |                | ISI-PT-1     | PT 2001P069 NAD      | RC     | ISI-12C  | 2/15/2001 |
| Comments:   | UT examia      | antion Limited to 38.85%, One  | sided exam    | due to pump to | pipe config. |                      |        |          |           |
|             |                |                                |               |                |              |                      |        |          |           |
| 300523      | W-5            | RED 40° ELBOW - NZZL           | B-J           | B9.11          | ISI-UT-11A   | UT 2001U006 GEO      | RC     | ISI-12A  | 1/27/2001 |
|             |                |                                |               |                | ISIPT-1      | PT 2001P013 NAD      | RC     | ISI-12A  | 1/24/2001 |
| 300569      | B-2            | VALVE BOLTING                  | B-G-2         | B7.70          | ISI-VT-1.0   | VT 2001V002 NAD      | RC     | ISI-17   | 1/22/2001 |
| Comments:   | Examined       | in Place.                      |               |                |              |                      |        |          |           |
|             |                |                                |               |                |              |                      |        |          |           |
| 300582      | W-6            | ELBOW - RED. TEE               | B-J           | B9.11          | ISI-UT-16A   | UT 2001U002 NAD      | SI     | ISI-17   | 1/24/2001 |
|             |                |                                |               |                | ISI-PT-1     | PT 2001P005 NAD      | SI     | ISI-17   | 1/22/2001 |
| 300598      | W-8            | ELBOW - PIPE                   | B-J           | B9.11          | ISI-UT-16A   | UT 2001U001 NAD      | SI     | ISI-18   | 1/22/2001 |
|             |                |                                |               |                | ISI-PT-1     | PT 2001P004 NAD      | SI     | ISI-18   | 1/22/2001 |
| 300660      | B-1            | ORIFICE BOLTS                  | B-G-2         | B7.50          | ISI-VT-1.0   | VT 2001V110 NAD      | RC     | ISI-21   | 2/7/2001  |
|             |                |                                |               |                | ISI-VT-1.0   | VT 2001V044 NAD      | RC     | ISI-21   | 1/29/2001 |
| Comments:   | CR 20010       | 828, Boron residue removed.    |               |                |              |                      |        |          |           |
|             |                |                                |               |                |              |                      | 50     | 101.04   | 410415    |
| 300668      | W-5            | FLANGE - PIPE                  | B-J           | B9.21          | ISI-PT-1     | PT 2001P007 NAD      | RC     | ISI-21   | 1/24/2001 |
| 300686      | W-16           | PIPE - ELBOW                   | B-J           | B9.21          | ISI-PT-1     | PT 2001P008 NAD      | RC     | ISI-22   | 1/24/2001 |
| 300688      | W-18           | PIPE - ELBOW                   | B-J           | B9.21          | ISI-PT-1     | PT 2001P010 NAD      | RC     | ISI-22   | 1/24/2001 |
| 300747      | W-4            | TEE - ELBOW                    | B-J           | B9.21          | ISI-PT-1     | PT 2001P006 NAD      | SI     | ISI-24   | 1/24/2001 |
| 300763      | W-2            | HALF COUPLING - PIPE           | B-J           | B9.40          | ISI-PT-1     | PT 2001P033 NAD      | RC     | ISI-25   | 1/27/2001 |
| 300771      | W-2            | PIPE - VALVE                   | B-J           | B9.40          | ISI-PT-1     | PT 2001P009 NAD      | RC     | ISI-26   | 1/24/2001 |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis,MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No. | Comp ID | Comp Desc.   | Category | Item  | Procedure | Method/Sheet/Results | System | ISO Num | Exam Date |
|-------------|---------|--------------|----------|-------|-----------|----------------------|--------|---------|-----------|
| 300772      | W-8     | TEE - PIPE   | B-J      | B9.21 | ISI-PT-1  | PT 2001P049 NAD      | RC     | ISI-25  | 2/2/2001  |
| 300773      | W-9     | PIPE - VALVE | B-J      | B9.21 | ISI-PT-1  | PT 2001P050 NAD      | RC     | ISI-25  | 2/2/2001  |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No. | Comp ID     | Comp Desc.                     | Category      | ltem     | Procedure  | Method/Sheet/Results | System | ISO Num | Exam Date |
|-------------|-------------|--------------------------------|---------------|----------|------------|----------------------|--------|---------|-----------|
| 300846      | W-8         | ELBOW - PIPE                   | B-J           | B9.21    | ISI-PT-1   | PT 2001P014 NAD      | VC     | ISI-27C | 1/25/2001 |
| 300894      | B-1         | FLANGE BOLTING                 | B-G-2         | B7.50    | ISI-VT-1.0 | VT 2001V202 NAD      | RC     | ISI-29B | 2/18/2001 |
| 300895      | B-1         | FLANGE BOLTING                 | B-G-2         | B7.50    | ISI-VT-1.0 | VT 2001V201 NAD      | RC     | ISI-29A | 2/18/2001 |
| 300919      | B-2         | VALVE BOLTING                  | B-G-2         | B7.70    | ISI-VT-1.0 | VT 2001V005 NAD      | RC     | 1SI-30A | 1/24/2001 |
| 300934      | W-4         | ELBOW - PIPE                   | B-J           | B9.11    | ISI-UT-16A | UT 2001U007 GEO      | RC     | ISI-30A | 1/28/2001 |
|             |             |                                |               |          | ISI-PT-1   | PT 2001P016 NAD      | RC     | ISI-30A | 1/25/2001 |
| 300956      | W-8         | PIPE - TEE                     | B-J           | B9.21    | ISI-PT-1   | PT 2001P015 IND      | RC     | ISI-31  | 1/26/2001 |
| Comments:   | Both Indica | tions are acceptable iaw IWE   | 3-3514-2 . CR | 20011561 |            |                      |        |         |           |
|             |             |                                |               |          |            |                      |        |         |           |
| 300975      | W-5         | TEE - PIPE                     | B-J           | B9.21    | ISI-PT-1   | PT 2001P030 NAD      | RC     | ISI-32B | 1/27/2001 |
| 300976      | W-6         | PIPE - PIPE                    | B-J           | B9.21    | ISI-PT-1   | PT 2001P032 NAD      | RC     | ISI-32B | 1/27/2001 |
| 300982      | W-4         | PIPE - VALVE                   | B-J           | B9.21    | ISI-PT-1   | PT 2001P038 NAD      | VC     | ISI-32A | 2/1/2001  |
| Comments:   | Pre-Service | e Examnation for valve replac  | ement CV-31   | 329      |            |                      |        |         |           |
|             |             |                                |               |          |            |                      |        |         |           |
| 300983      | W-5         | VALVE - PIPE                   | B-J           | B9.21    | ISI-PT-1   | PT 2001P039 NAD      | VC     | ISI-32A | 2/1/2001  |
| Comments:   | Pre-Service | e Examnation for valve replac  | ement CV-31   | 329      |            |                      |        |         |           |
|             |             |                                |               |          |            |                      |        |         |           |
| 300997      | W-12        | BOSS - PIPE                    | B-J           | B9.32    | ISI-PT-1   | PT 2001P048 NAD      | SI     | ISI-33A | 2/2/2001  |
| 301013      | W-6         | ELBOW - PIPE                   | B-J           | B9.21    | ISI-PT-1   | PT 2001P047 NAD      | SI     | ISI-33A | 2/2/2001  |
| 301014      | W-5         | PIPE - ELBOW                   | B-J           | B9.21    | ISI-PT-1   | PT 2001P022 NAD      | SI     | ISI-33B | 1/25/2001 |
| 301021      | B-1         | PUMP FLANGE BOLTS              | B-G-1         | B6.180   | ISI-UT-4D  | UT 2001U033 NAD      | RC     | ISI-34  | 2/12/2001 |
| 301026      | B-3         | LOWER SEAL HOUSING             | B-G-2         | B7.60    | ISI-VT-1.0 | VT 2001V042 NAD      | RC     | ISI-34  | 1/28/2001 |
| 301027      | B-4         | UPPER SEAL HOUSING             | B-G-2         | B7.60    | ISI-VT-1.0 | VT 2001V043 NAD      | RC     | ISI-34  | 1/28/2001 |
| 301034      | MARMON      | CLMARMON CLAMP                 | B-G-2         | B7.10    | ISI-VT-1.0 | VT 2001V142 NAD      | RV     | ISI-38  | 2/12/2001 |
| Comments:   | Pre-Servic  | e Examination                  |               |          |            |                      |        |         |           |
|             |             |                                |               |          |            |                      |        |         |           |
| 301038      | W-2         | VERTICAL SHELL WELD            | B-B           | B2.12    | ISI-UT-3   | UT 2001U030 NAD      | RC     | ISI-41  | 2/7/2001  |
| 301041      | W-5         | TOP HEAD / SHELL               | B-B           | B2.11    | ISI-UT-3   | UT 2001U026 NAD      | RC     | ISI-41  | 2/7/2001  |
| 301046      | B-1         | INLET MANWAY STUDS             | B-G-2         | B7.30    | ISI-VT-1.0 | VT 2001V104 NAD      | SG     | ISI-43B | 2/3/2001  |
| Comments:   | Pre-Servic  | e Examination                  |               |          |            |                      |        |         |           |
|             |             |                                |               |          |            |                      |        |         |           |
| 301059      | B-2         | OUTLET MANWAY BOLT             | S B-G-2       | B7.30    | ISI-VT-1.0 | VT 2001V105 NAD      | SG     | ISI-43A | 2/3/2001  |
| Comments:   | Pre-Servic  | e Examinaton                   |               |          |            |                      |        |         |           |
|             |             |                                |               |          |            |                      |        |         |           |
| 302329      | V-1         | VALVE INT SURFACES             | B-M-2         | B12.50   | ISI-VT-3.0 | VT 2001V094 NAD      | RC     | ISI-9   | 1/30/2001 |
| 302632      | H-2         | TIE BACK @ 2                   | F-A           | F-A,B,C  | ISI-VT-2.0 | VT 2001V096 NAD      | RC     | ISI-34  | 1/30/2001 |
| 302902      | B-1         | FLANGE BOLTS                   | B-G-2         | B7.50    | ISI-VT-1.0 | VT 2001V026 NAD      | VC     | ISI-1F  | 1/25/2001 |
| 315100      | W-8A        | Pipe - Pipe                    | B-J           | B9.21    | ISI-PT-1   | PT 2001P066 NAD      | RC     | ISI-5A  | 2/13/2001 |
| Comments:   | Pre-Sevice  | e examination for valve replac | ement         |          |            |                      |        |         |           |
|             |             |                                |               |          | 101 == :   | DT 0004D000 1115     | 50     | 10      | 01101000  |
| 315200      | W-3A        | Pipe-Pipe                      | B-J           | B9.21    | ISI-PT-1   | PT 2001P068 NAD      | RC     | ISI-5A  | 2/13/2001 |
| Comments:   | Pre-Sevice  | e examination for valve replac | ement         |          |            |                      |        |         |           |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a Commercial Service Date: 12/16/1973 National Board Number for Unit: n/a

| Summary No.         | Comp ID      | Comp Desc.   | Category                               | Item            | Procedure                | Method/Sheet/Results               | System | ISO Num | Exam Date |
|---------------------|--------------|--|--|-----------------|--------------------------|------------------------------------|--------|---------|-----------|
| Class 2             |              | 0.11.15.55   |  |                 | 101.75.00                | VCT 00041/005 IND                  | SI     | ISI-2   | 2/19/2001 |
| 300126              | H-1          | SNUBBER  | F-A                                    | F-A             | ISI-VT-2.0<br>ISI-VT-2.0 | VT 2001V205 IND<br>VT 2001V003 IND | SI     | ISI-2   | 1/23/2001 |
| Comments:           | CR 200108    | 328 Accepted as is.                                  |  |                 | 131-71-2.0               | V1 2001V003 1ND                    | OI .   | 101-2   | 172072001 |
| 300167              | H-8          | ROD  | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V091 NAD                    | RH     | ISI-3B  | 1/30/2001 |
| 300184              | H-3          | RUPTURE RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V045 NAD                    | RH     | ISI-3C  | 1/29/2001 |
| 300207              | H-2          | RUPTURE RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V167 NAD                    | RC     | ISI-5A  | 2/14/2001 |
| Comments:           |              | e Examination for valve replace                      |  | , ,,            |                          | 2007.1.0.                          |        |         |           |
|                     |              |  |  |                 |                          |                                    |        |         |           |
| 300212              | H-1          | DOUBLE SNUBBER/CLAM                                  | 1PF-A                                  | F-A             | ISI-VT-2.0               | VT 2001V194 NAD                    | RC     | ISI-5A  | 2/16/2001 |
| Comments:           | Pre-Servic   | e Examination for valve replac                       | ement                                  |                 |                          |                                    |        |         |           |
| 300214              | H-3          | DOUBLE SPRING  | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V210 NAD                    | RC     | ISI-5A  | 2/15/2001 |
| Comments:           |              | e Examination for valve replac                       |  |                 |                          |                                    |        |         |           |
| 200270              | H-5          | DUDTUDE DECTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V151 NAD                    | RC     | ISI-5D  | 2/11/2001 |
| 300276<br>Comments: |              | RUPTURE RESTRAINT<br>e Examination for valve replace |  | r-A             | 151-71-2.0               | VI 2001VIST NAD                    | RC     | 131-31  | 2/11/2001 |
| Comments.           | 1 16-06: 110 | e Examination for valve replac                       | Cilicin                                |                 |                          |                                    |        |         |           |
| 300278              | H-2          | RUPTURE RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V150 NAD                    | RC     | ISI-5D  | 2/11/2001 |
| Comments:           | Pre-Servic   | e Examination for valve replac                       | ement                                  |                 |                          |                                    |        |         |           |
|                     |              |  |  |                 |                          |                                    |        |         |           |
| 300279              | H-1          | RUPTURE RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V152 NAD                    | RC     | ISI-5D  | 2/11/2001 |
| Comments:           | Pre-Servic   | e Examination for valve replac                       | ement                                  |                 |                          |                                    |        |         |           |
| 300281              | H-3          | SPRING CLAMP   | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V154 NAD                    | RC     | ISI-5D  | 2/12/2001 |
|                     |              |  |  |                 | ISI-VT-2.0               | VT 2001V041 NAD                    | RC     | ISI-5D  | 1/28/2001 |
| Comments:           | Examination  | on 2001V154 Pre-Service Exa                          | mination for v                         | alve replacemer | nt                       |                                    |        |         |           |
| 300282              | H-4          | SIESMIC RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V132 NAD                    | RC     | ISI-5D  | 2/11/2001 |
| Comments:           |              | e Examination for valve replace                      |  | 1797            | 101-71-2.0               | VI 2001V132 NAD                    | NO     | 101-00  | 2/11/2001 |
| Commonto.           | 1 10 00.110  | o Examination for Fatto replace                      | , o, , , , , , , , , , , , , , , , , , |                 |                          |                                    |        |         |           |
| 300325              | H-3          | SPRING HANGER  | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V033 NAD                    | RC     | ISI-7   | 1/24/2001 |
| 300349              | H-3          | RUPTURE RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V116 NAD                    | RC     | ISI-8   | 2/7/2001  |
| Comments:           | Examination  | on 2001V116 Pre-Service exa                          | m for valve re                         | placement       |                          |                                    |        |         |           |
| 300394              | H-2          | DBLE SPRING/BENT BAR                                 | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V035 NAD                    | RC     | ISI-10  | 1/26/2001 |
| 300454              | H-6          | ROD/CLAMP  | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V089 NAD                    | VC     | ISI-11C | 1/30/2001 |
| 300593              | H-9          | SPRING CLAMP   | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V038 IND                    | SI     | ISI-18  | 1/27/2001 |
| Comments:           | CR 20011     | 046 Accepted as is.                                  |  |                 |                          |                                    |        |         |           |
|                     |              |  | <b></b> .                              |                 |                          |                                    |        |         |           |
| 300611              | H-8          | RUPTURE RESTRAINT                                    | F-A                                    | F-A             | ISI-VT-2.0               | VT 2001V039 NAD                    | RH     | ISI-19A | 1/27/2001 |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No.     | Comp ID      | Comp Desc.                       | Category        | Item                | Procedure        | Method/Sheet/Results           | System | ISO Num | Exam Date |
|-----------------|--------------|----------------------------------|-----------------|---------------------|------------------|--------------------------------|--------|---------|-----------|
| 300762          | H-1          | SPRING/CLAMP                     | F-A             | F-A                 | ISI-VT-2.0       | VT 2001V014 NAD                | RC     | ISI-25  | 1/24/2001 |
| 300836          | H-1          | RIGID HANGER                     | F-A             | F-A                 | ISI-VT-2.0       | VT 2001V013 NAD                | VC     | ISI-27C | 1/24/2001 |
| 300921          | H-2          | ROD / CLAMP                      | F-A             | F-A                 | ISI-VT-2.0       | VT 2001V011 NAD                | RC     | ISI-30A | 1/24/2001 |
| 300994          | H-2          | LATERAL RESTRAINT                | F-A             | F-A                 | ISI-VT-2.0       | VT 2001V025 IND                | SI     | ISI-33B | 1/25/2001 |
|                 |              |                                  |                 |                     | ISI-VT-2.0       | VT 2001V212 NAD                | SI     | ISI-33B | 2/21/2001 |
| Comments:       | Reworked,    | CR20010828                       |                 |                     |                  |                                |        |         |           |
| 301048          | N-1          | NOZZLE - SHELL                   | С-В             | C2.21               | ISI-MT-1         | MT 2001M002 NAD                | SG     | ISI-43B | 1/28/2001 |
|                 |              |                                  |                 |                     | ISI-UT-3         | UT 2001U014 NAD                | SG     | ISI-43B | 2/5/2001  |
| 301049          | N-4IR        | MAIN STEAM NOZZLE IN             | NEC-B           | C2.22               | ISI-UT-5B        | UT 2001U032 NAD                | SG     | ISI-43A | 2/6/2001  |
| 301055          | N-4          | NOZZLE - TOP HEAD                | С-В             | C2.21               | ISI-UT-3         | UT 2001U021 NAD                | SG     | ISI-43A | 2/5/2001  |
|                 |              |                                  |                 |                     | ISI-MT-1         | MT 2001M014 NAD                | SG     | ISI-43A | 2/6/2001  |
| 301058          | N-1IR        | NOZZEL INNER RADIUS              | C-B             | C2.22               | ISI-UT-5B        | UT 2001U008 NAD                | SG     | ISI-43B | 1/31/2001 |
| 301066          | W-C          | SHELL-CIRCUMFERENTIA             | A C-A           | C1.10               | ISI-UT-3         | UT 2001U005 NAD                | SG     | ISI-43B | 1/28/2001 |
| 301070          | W-E          | SHELL - TRANSITION               | C-A             | C1.10               | ISI-UT-3         | UT 2001U010 GEO                | SG     | ISI-43B | 1/29/2001 |
| Comments:       | Limited to 7 | 70.88% due to configuration.     |                 |                     |                  |                                |        |         |           |
| 301072          | W-F          | TRANSITION - SHELL               | C-A             | C1.10               | ISI-UT-3         | UT 2001U012 IND                | SG     | ISI-43B | 1/31/2001 |
| Comments:       | Indication ( | Code Acceptable per IWB-360      | 00, WCAP141     | 66, CR 20011046     | i                |                                |        |         |           |
| 301076          | W-H          | TOP HEAD - SHELL                 | C-A             | C1.20               | ISI-UT-3         | UT 2001U016 IND                | SG     | ISI-43B | 2/3/2001  |
| Comments:       | Indication A | Acceptable per IWC-3510-1, C     | CR 20011561     |                     |                  |                                |        |         |           |
| 301107          | W-1LS2D      | NOZZLE - RED. ELBOW              | C-F-2           | C5.50               | ISI-UT-1A        | UT 2001U022 NAD                | MS     | ISI-51A | 2/6/2001  |
|                 |              |                                  |                 |                     | ISI-MT-1         | MT 2001M009 NAD                | MS     | ISI-51A | 2/5/2001  |
| 301122          | H-1          | SEISMIC RESTRAINT                | C-C             | C3.20               | ISI-MT-1         | MT 2001M011 NAD                | MS     | ISI-51A | 2/6/2001  |
|                 |              |                                  |                 |                     | ISI-VT-2.0       | VT 2001V119 NAD                | MS     | ISI-51A | 2/8/2001  |
| Comments:       | MT Examir    | nation limited to 188" weld leng | gth out of 270  | " total weld length |                  | uration of restraint. 69.6 % C |        |         |           |
| 301130          | H-8          | ANCHOR ELBOW (8)                 | C-C             | C3.20               | ISI-MT-1         | MT 2001M032 IND                | MS     | ISI-51A | 2/17/2001 |
|                 |              | •                                |                 |                     | ISI-VT-2.0       | VT 2001V192 NAD                | MS     | ISI-51A | 2/17/2001 |
| Comments:       | Indication p | previously recorded. Referen     | ce Report #99   | 9-0365. Indication  | remains uncha    | anged.                         |        |         |           |
| 301132          | H-2          | SEISMIC RESTRAINT                | C-C             | C3.20               | ISI-MT-1         | MT 2001M010 NAD                | MS     | ISI-51A | 2/6/2001  |
|                 |              |                                  |                 |                     | ISI-VT-2.0       | VT 2001V120 NAD                | MS     | ISI-51A | 2/8/2001  |
| Comments:       | MT Examir    | nation limited to 76" weld leng  | th out of 91" t | otal weld length d  | ue to configurat | tion of restraint. 83.5% Cov   |        |         |           |
| 301134          | H-4          | SEISMIC RESTRAINT                | C-C             | C3.20               | ISI-MT-1         | MT 2001M013 NAD                | MS     | ISI-51A | 2/6/2001  |
| · · · · · · · · |              |                                  |                 |                     | ISI-VT-2.0       | VT 2001V121 NAD                | MS     | ISI-51A | 2/8/2001  |
| Comments:       | MT Examir    | nation limited to 188" weld len  | gth out of 270  | " total weld length | due to configu   |                                |        |         |           |
| 301144          | W-1LSUD      | PIPE - PIPE                      | C-F-2           | C5.50               | ISI-UT-1A        | UT 2001U027 NAD                | MS     | ISI-51B | 2/8/2001  |
| VVIIIT          |              |                                  | - · ·           | 55.55               | ISI-MT-1         | MT 2001M018 NAD                | MS     | ISI-51B | 2/8/2001  |
|                 |              |                                  |                 |                     |                  | 2001111010110110               |        | .0. 0.5 | 2.5.2001  |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a Commercial Service Date: 12/16/1973 National Board Number for Unit: n/a

ISO Num Exam Date Item Procedure Method/Sheet/Results System Comp ID Comp Desc. Category Summary No. MS ISI-51C 2/7/2001 C-F-2 C5.51 2001M015 NAD 301152 FLBOW - VALVE ISI-MT-1 W-5 MS ISI-51C 2/13/2001 UT 2001U035 GEO ISI-UT-1A ISI-51B 2/8/2001 2001M019 NAD MS BEAR'G BRAK ASSY C-C C3.20 ISI-MT-1 301177 H-1 MS ISI-51B 2/8/2001 ISI-VT-2.0 VT 2001V112 NAD MT-Inaccessible due to pipe guard, 0% Coverage Comments: ISI-52 2/17/2001 H-9 ANCHOR ELBOW C-C C3.20 ISI-MT-1 2001M033 NAD FW 301253 ISI-52 2/17/2001 2001V193 NAD FW ISI-VT-2.0 2001V153 NAD ISI-52 2/13/2001 FW 301256 H-5 RESTRAINT C-C C3.20 ISI-VT-2.0 ISI-52 2/13/2001 ISI-MT-1 2001M023 NAD FW FW ISI-52 2/19/2001 C-C 2001M034 NAD 301258 H-7 BEAR'G BRAK ASSY C3.20 ISI-MT-1 VT 2001V203 NAD FW ISI-52 2/19/2001 ISI-VT-2.0 MT-Inaccessible due to floor penetration, 81.3% Coverage Comments: FW ISI-52 2/12/2001 C-F-2 C5.51 ISI-UT-1A 2001U038 GEO 301280 W-1 VALVE - PIPE FW ISI-52 2/10/2001 2001M022 NAD ISI-MT-1 UT 2001U037 GEO ISI-52 2/12/2001 C-F-2 C5.51 ISI-UT-1A FW 301284 W-3 **ELBOW - PIPE** ISI-52 2/10/2001 ISI-MT-1 2001M021 NAD FW ISI-VT-2.0 VT 2001V129 NAD FW ISI-52 2/10/2001 301288 H-1 SIESMIC RESTRAINT C-C C3.20 ISI-52 2/10/2001 ISI-MT-1 2001M020 NAD FW C-F-1 C5.10 ISI-UT-16A 2001U017 GEO RH ISI-53C 2/2/2001 301356 W-8LSUD PIPE - ELBOW ISI-PT-1 2001P041 NAD RH ISI-53C 2/1/2001 ISI-PT-1 2001P001 NAD RH ISI-53C 1/18/2001 301358 W-9LSUD **ELBOW-PIPE** C-F-1 C5.10 2/2/2001 ISI-UT-16A 2001U018 GEO RH ISI-53C VT 2001V001 NAD ISI-53C F-A ISI-VT-2.0 RH 1/18/2001 301390 H-2 SPRING HANGER/CLAMP F-A 2001V106 NAD SG ISI-43C 2/3/2001 301519 H-26 F-A F-A ISI-VT-2.0 BASE @ 2 2001V107 NAD SG ISI-43C 2/3/2001 H-22B COLUMN BOT & PIN @ 2 F-A F-A ISI-VT-2.0 301521 ISI-VT-2.0 VT 2001V187 NAD SG ISI-43C 2/16/2001 301523 H-27 BASE@3 F-A F-A H-23B ISI-VT-2.0 2001V186 NAD SG ISI-43C 2/16/2001 301525 COLUMN BOT & PIN @ 3 F-A F-A ISI-VT-2.0 VT 2001V185 NAD SG ISI-43C 2/16/2001 301535 H-22 TOP CONNECTION @ 2 F-A F-A F-A ISI-VT-2.0 VT 2001V182 NAD SG ISI-43C 301537 H-22A COLUMN TOP & PIN @ 2 F-A 2/16/2001 TOP CONNECTION @ 3 F-A ISI-VT-2.0 2001V184 NAD SG ISI-43C 2/16/2001 301539 H-23 F-A H-23A COLUMN TOP & PIN @ 3 F-A F-A ISI-VT-2.0 VT 2001V183 NAD SG ISI-43C 2/16/2001 301541 BASE@2 F-A F-A ISI-VT-2.0 VT 2001V102 NAD RC **ISI-34** 301552 H-11 1/30/2001 301554 H-11A COLUMN BOT & PIN @ 2 F-A F-A ISI-VT-2.0 2001V095 NAD RC **ISI-34** 1/30/2001 301564 H-8 CONNECTION @ 2 F-A F-A ISI-VT-2.0 VT 2001V100 NAD RC **ISI-34** 1/30/2001 301566 H-8A COLUMN TOP & PIN @ 2 F-A F-A ISI-VT-2.0 2001V101 NAD RC ISI-34 1/30/2001 301589 H-8 SEISMIC RESTRAINT C-C C3.20 ISI-VT-2.0 2001V166 NAD MS ISI-68A 2/14/2001 ISI-MT-1 MT 2001M008 NAD MS ISI-68A 2/14/2001 Comments: MT Limited by Guardpipe H-5 BEAR'G BRAK ASSY / 3 C-C C3.20 ISI-MT-1 2001M007 NAD MS ISI-68A 301591 1/31/2001 ISI-VT-2.0 VT 2001V114 NAD MS ISI-68A 2/16/2001

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a Commercial Service Date: 12/16/1973

National Board Number for Unit: n/a

| Summary No. | Comp ID      | Comp Desc.                      | Category        | Item               | Procedure              | Met        | hod/Sheet/R          | esults       | System                 | ISO Num                 | Exam Date              |
|-------------|--------------|---------------------------------|-----------------|--------------------|------------------------|------------|----------------------|--------------|------------------------|-------------------------|------------------------|
| Comments:   | MT limited-  | No access due to guard pipin    | ıg.             |                    |                        |            |                      |              |                        |                         |                        |
| 301593      | H-6          | BEAR'G BRAK ASSY / 3            | C-C             | C3.20              | ISI-MT-1<br>ISI-VT-2.0 |            | 2001M006<br>2001V113 |              | MS<br>MS               | ISI-68A<br>ISI-68A      | 1/31/2001<br>2/14/2001 |
| Comments:   | MT Limited   | I-No access due to guard pipe   | э.              |                    |                        |            |                      |              |                        |                         |                        |
|             |              |                                 |                 |                    |                        |            |                      |              |                        |                         |                        |
|             |              |                                 |                 |                    | 101.1477.4             |            | 000414047            |              | 140                    | 101 00 4                | 2/7/2004               |
| 301596      | H-3          | SEISMIC RESTRAINT               | C-C             | C3.20              | ISI-MT-1<br>ISI-VT-2.0 |            | 2001M017<br>2001V111 |              | MS<br>MS               | ISI-68A<br>ISI-68A      | 2/7/2001<br>2/8/2001   |
| Comments:   | MT-Exami     | nation limited to 188" weld len | gth out of 270  | " total weld lengt |                        |            |                      |              |                        |                         |                        |
|             | 141 OL ODOL  | . TEE DIDE                      | 0.50            | 05.50              | ICLAIT 4               | NAT        | 200414046            | NAD          | MS                     | ISI-68C                 | 2/7/2001               |
| 301619      | W-9LSD20     | J TEE - PIPE                    | C-F-2           | C5.50              | ISI-MT-1<br>ISI-UT-1A  |            | 2001M016<br>2001U031 |              | MS                     | ISI-68C                 | 2/8/2001               |
| Comments:   | MT-Restra    | int and Nozzle Radius - 31.2    | 2 sq in of 252. | 2 sq in limited du |                        |            |                      |              |                        | .5, 525                 |                        |
|             |              |                                 |                 |                    |                        |            |                      |              |                        | 101.000                 | 4/00/0004              |
| 301625      | W-18LSU      | PIPE - CAP                      | C-F-2           | C5.50              | ISI-MT-1<br>ISI-UT-1A  |            | 2001M005<br>2001U009 |              | MS<br>MS               | ISI-68C<br>ISI-68C      | 1/30/2001<br>1/30/2001 |
| Comments:   | MT Indicat   | ion Code Acceptable per IWB     | 3-3514-4, CR2   | 20011561           | 101-01-17              | 01         | 20010009             | NAD          | WO                     | 101-000                 | 1700/2001              |
|             |              |                                 |                 |                    |                        |            |                      |              |                        |                         |                        |
| 301704      | H-8          | ANCHOR ELBOW                    | C-C             | C3.20              | ISI-MT-1<br>ISI-VT-2.0 |            | 2001M004<br>2001V092 |              | FW<br>FW               | ISI-69<br>ISI-69        | 1/30/2001<br>2/16/2001 |
| Comments:   | MT Exami     | nation could not be performed   | I due to protec | tive guard piping  |                        | VI         | 20010092             | NAD          | FVV                    | 131-09                  | 2/10/2001              |
|             |              | ·                               | ·               |                    | _                      |            |                      |              |                        |                         |                        |
| 301706      | H-5          | ANCHOR ELBOW                    | C-C             | C3.20              | ISI-VT-2.0             |            | 2001V090             |              | FW                     | ISI-69                  | 2/16/2001              |
| Commonte    | MT Eversi    | nation cauld not be norfermer   | l dua ta protos | divo avord pipipa  | ISI-MT-1               | МТ         | 2001M003             | NAD          | FW                     | ISI-69                  | 1/30/2001              |
| Comments:   | IVI -EXAITII | nation could not be performed   | a due to protec | tive guard piping  | j. 0% Coverage         |            |                      |              |                        |                         |                        |
| 301833      | W-1          | RHR HEAT EXCH - PIPE            | С-В             | C2.31              | ISI-PT-1               | РТ         | 2001P055             | NAD          | RH                     | ISI-55D                 | 2/6/2001               |
| 301858      | W-14         | PIPE - PEN 10                   | C-F-1           | C5.11              | ISI-UT-16A             |            | 2001U040             |              | RH                     | ISI-89B                 | 2/20/2001              |
| _           |              |                                 |                 |                    | ISI-PT-1               |            | 2001P070             |              | RH                     | ISI-89B                 | 2/20/2001              |
| Comments:   | PT-Weld II   | naccessible due to penetration  | n sleeve and v  | velded restraint.  | 0% Coverage L          | J I -VVelo | inaccessibi          | e due to per | netration sleeve and v | velded restraint. 0% Co | verage.                |
| 301874      | W-18         | TEE - VALVE                     | C-F-1           | C5.11              | ISI-UT-16A             | UT         | 2001U013             | NAD          | RH                     | ISI-89B                 | 2/1/2001               |
|             |              |                                 |                 |                    | ISI-PT-1               | PT         | 2001P043             | IND          | RH                     | ISI-89B                 | 2/1/2001               |
| Comments:   | UT Examii    | nation limited-Single side acce | ess due to tee  | to valve configur  | ation. 49.2 % co       | verage     | PT Indica            | tion -Code a | acceptable per IWB-3   | 514-2 CR20011561.       |                        |
| 302059      | W-30         | FLG - S.I. PUMP #11             | C-G             | C6.10              | ISI-MT-1               | МТ         | 2001M029             | NAD          | SI                     | ISI-83A                 | 2/14/2001              |
| 302066      | H-1          | Support A                       | C-C             | C3.30              | ISI-VT-2.0             |            | 2001V159             |              | SI                     | ISI-83C                 | 2/14/2001              |
| -           |              | • •                             |                 | -                  | ISI-MT-1               |            | 2001M028             |              | SI                     | ISI-83C                 | 2/14/2001              |
| Comments:   | MT Exami     | ntion Limited-Configuration pr  | ohibits examir  | ing weld at base   | of support. 84.1       | % cove     | erage                |              |                        |                         |                        |

Owner: Northern States Power/ Xcel Energy LLC.

Plant: 414 Nicollet Mall, Minneapolis,MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No.      | Comp ID      | Comp Desc.                      | Category         | Item            | Procedure              | Meth     | nod/Sheet/R                | Results  | System   | ISO Num | Exam Date              |
|------------------|--------------|---------------------------------|------------------|-----------------|------------------------|----------|----------------------------|----------|----------|---------|------------------------|
| 302070           | H-2          | Support B                       | C-C              | C3.30           | ISI-VT-2.0             | VΤ       | 2001V158                   | NAD      | SI       | ISI-83C | 2/14/2001              |
|                  |              |                                 |                  |                 | ISI-MT-1               | MT       | 2001M027                   | NAD      | SI       | ISI-83C | 2/14/2001              |
| Comments:        | MT Examir    | nation limited-Configuration p  | rohibits exami   | ning weld at ba | se of support. 84.1    | I% Cove  | erage.                     |          |          |         |                        |
| 302074           | H-3          | Support C                       | C-C              | C3.30           | ISI-VT-2.0             | VT       | 2001V157                   | NAD      | SI       | ISI-83C | 2/14/2001              |
|                  |              |                                 |                  |                 | ISI-MT-1               | MT       | 2001M026                   | NAD      | SI       | ISI-83C | 2/14/2001              |
| Comments:        | MT Examin    | nation limited-Configuration pr | rohibits exami   | ning weld at ba | ase of support. 84.1   | 1% Cove  | erage.                     |          |          |         |                        |
| 302078           | H-4          | Support D                       | C-C              | C3.30           | ISI-MT-1               | МТ       | 2001M025                   | NAD      | SI       | ISI-83C | 2/14/2001              |
|                  |              |                                 |                  |                 | ISI-VT-2.0             | VT       | 2001V156                   | NAD      | SI       | ISI-83C | 2/14/2001              |
| Comments:        | MT Examir    | nation limited-Configuration p  | rohibits exami   | ning weld at ba | ase of support. 84.1   | 1% Cov   | erage.                     |          |          |         |                        |
| 302082           | H-5          | Support E                       | C-C              | C3.30           | ISI-VT-2.0             | VT       | 2001V161                   | NAD      | SI       | ISI-83C | 2/14/2001              |
|                  |              |                                 |                  |                 | ISI-MT-1               |          | 2001M030                   | NAD      | SI       | ISI-83C | 2/14/2001              |
| Comments:        | MT Exami     | nation limited-Configuration p  | rohibits exami   | ning weld at in | side of support.t. 7   | 1.4% C   | overage.                   |          |          |         |                        |
| 302086           | H-6          | Support F                       | C-C              | C3.30           | ISI-VT-2.0             | VT       | 2001V155                   | NAD      | SI       | ISI-83C | 2/14/2001              |
|                  |              |                                 |                  |                 | ISI-MT-1               | MT       | 2001M024                   | NAD      | SI       | ISI-83C | 2/14/2001              |
| Comments:        | MT Exami     | nation limited-Configuration p  | rohibits exami   | ning weld at in | side of support (dri   | ve side) | 79.2% Co                   | overage. |          |         |                        |
| 302227           | W-29         | PIPE - ELBOW                    | C-F-1            | C5.11           | ISI-UT-16A             | UT       | 2001U025                   | NAD      | SI       | ISI-89A | 2/7/2001               |
|                  |              |                                 |                  |                 | ISI-PT-1               | PT       | 2001P044                   | NAD      | SI       | ISI-89A | 2/1/2001               |
| 302246           | H-1          | SEISMIC SUPPORT                 | F-A              | F-A             | ISI-VT-2.0             | VT       | 2001V197                   | IND      | SI       | ISI-89A | 2/19/2001              |
| Comments:        | VT Indicati  | ion- Use as is. CR 20011046     |                  |                 |                        |          |                            |          |          |         |                        |
| 302247           | H-2          | SEISMIC SUPPORT                 | F-A              | F-A             | ISI-VT-2.0             | VT       | 2001V209                   | NAD      | SI       | ISI-89A | 2/19/2001              |
|                  |              |                                 |                  |                 | ISI-VT-2.0             | VT       | 2001V024                   | IND      | SI       | ISI-89A | 1/25/2001              |
| Comments:        | Reworked     | -CR20010828                     |                  |                 |                        |          |                            |          |          |         |                        |
| 302248           | H-3          | SEISMIC SUPPORT                 | F-A              | F-A             | ISI-VT-2.0             | VT       | 2001V204                   | NAD      | SI       | ISI-89A | 2/19/2001              |
| 302618           | H-2A         | TIE BACK BOLT @ 2               | F-A              | F-A             | ISI-VT-2.0             |          | 2001V103                   |          | RC       | ISI-14  | 1/30/2001              |
| 302642           | H-5          | PAD 2                           | F-A              | F-A             | ISI-VT-2.0             |          | 2001V097                   |          | RC       | IS1-34  | 1/30/2001              |
| 302899           | H-2B         | TIE BACK PIN @ 2                | F-A              | F-A             | ISI-VT-2.0             |          | 2001V098                   |          | RC       | ISI-34  | 1/30/2001              |
| 302900           | H-2A         | TIE BACK BOLT @ 2               | F-A              | F-A             | ISI-VT-2.0             |          | 2001V099                   |          | RC       | ISI-34  | 1/30/2001              |
| 302963           | H-3          | SEISMIC RESTRAINT               | C-C              | C3.20           | ISI-MT-1<br>ISI-VT-2.0 |          | 2001M012                   |          | MS<br>MS | ISI-51A | 2/6/2001               |
| Comments:        | MT Exami     | nation limited to 76" weld leng | gth out of 91" t | otal weld lengt |                        |          | 2001V118<br>estraint. 83.5 |          |          | ISI-51A | 2/8/2001               |
| 202007           | ы 44         | DAD                             | ΕΛ               | F-A             | ISI-VT-2.0             | \/T      | 2001V190                   | NAD      | SG       | ISI-43C | 2/46/2004              |
| 302997<br>302998 | H-14<br>H-15 | PAD<br>PAD                      | F-A<br>F-A       | F-A<br>F-A      | ISI-VT-2.0             |          | 2001V190<br>2001V191       |          | SG       | ISI-43C | 2/16/2001<br>2/16/2001 |
| 303990           | п-13<br>H-18 | BUMPER BLOCK                    | F-A              | F-A             | ISI-VT-2.0             |          | 2001V191                   |          | SG       | ISI-43C | 2/16/2001              |
| 303001           | H-19         | BUMPER BLOCK                    | F-A              | F-A             | ISI-VT-2.0             |          | 2001V180                   |          | SG       | ISI-43C | 2/16/2001              |
| 303017           | H-14         | PAD                             | F-A              | F-A             | ISI-VT-2.0             |          | 2001V189                   |          | SG       | ISI-43D | 2/16/2001              |
| 303017           | 11-17        | . 10                            | 1.77             |                 | 101 V 1-2.0            | V 1      | -00 . V 103                | . 7, 10  | 55       | 101-400 | 2/10/2001              |

Owner: Northern States Power/ Xcel Energy LLC.

Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a

| Summary No. | Comp ID     | Comp Desc.                    | Category         | Item             | Procedure       | Method/Sheet/Results | System   | ISO Num  | Exam Date |
|-------------|-------------|-------------------------------|------------------|------------------|-----------------|----------------------|----------|----------|-----------|
| 303018      | H-15        | PAD                           | F-A              | F-A              | ISI-VT-2.0      | VT 2001V188 NAD      | SG       | ISI-43D  | 2/16/2001 |
| 303021      | H-18        | BUMPER BLOCK                  | F-A              | F-A              | ISI-VT-2.0      | VT 2001V179 NAD      | SG       | ISI-43D  | 2/16/2001 |
| 303022      | H-19        | BUMPER BLOCK                  | F-A              | F-A              | ISI-VT-2.0      | VT 2001V178 NAD      | SG       | ISI-43D  | 2/16/2001 |
| 303042      | H-1B        | FLOORSTAND                    | F-A              | F-A              | ISI-VT-2.0      | VT 2001V117 NAD      | SG       | ISI-44   | 2/7/2001  |
| 303052      | H-2         | SUPPORT                       | C-C              | C3.20            | ISI-VT-2.0      | VT 2001V108 NAD      | RH       | ISI-93B  | 2/6/2001  |
|             |             |                               |                  |                  | ISI-PT-1        | PT 2001P056 NAD      | RH       | ISI-93B  | 2/6/2001  |
| Comments:   | PT Examina  | ation limited- Bottom of supp | oort is inaccess | ible for removal | work. 71.4% Cov | verage               |          |          |           |
| 303054      | W-2         | SHELL - FLANGE                | C-A              | C1.10            | ISI-UT-16       | UT 2001U029 GEO      | RH       | ISI-93B  | 2/6/2001  |
| Comments:   | UT Examina  | ation Limited to 27.26% cov   | erage.Due to G   | Seometry         |                 |                      |          |          |           |
| 305024      | W-3         | PIPE - 45 ELBOW               | C-F-1            | C5.21            | ISI-UT-16A      | UT 2001U020 NAD      | SI       | ISI-100B | 2/5/2001  |
| 000024      | ****        | 7112 40 222000                | <b>.</b> .       | 00.2.            | ISI-PT-1        | PT 2001P046 NAD      | SI       | ISI-100B | 2/5/2001  |
| 305055      | H-1         | ROD /CLAMP                    | F-A              | F-A              | ISI-VT-2.0      | VT 2001V206 NAD      | SI       | ISI-100B | 2/20/2001 |
| 00000       |             |                               |                  |                  | ISI-VT-2.0      | VT 2001V134 IND      | SI       | ISI-100B | 2/12/2001 |
| Comments:   | Reworked,   | CR20010828                    |                  |                  |                 |                      |          |          |           |
| 305074      | W-3         | PIPE - WELDOLET               | C-F-1            | C5.41            | ISI-PT-1        | PT 2001P063 NAD      | SI       | ISI-100A | 2/13/2001 |
| 305074      | W-8         | ELBOW - RED TEE               | C-F-1            | C5.21            | ISI-PT-1        | PT 2001P062 NAD      | SI       | ISI-100A | 2/13/2001 |
| 303079      | VV-O        | ELBOW - RED TEE               | 0-1-1            | 03.21            | ISI-UT-16A      | UT 2001U036 NAD      | SI       | ISI-100A | 2/16/2001 |
| 305137      | W-1         | WELDOLET - PIPE               | C-F-1            | C5.21            | ISI-UT-16A      | UT 2001U034 NAD      | SI       | ISI-101  | 2/16/2001 |
| 000107      | **-1        | WEEDOLE! III E                | 011              | 00.21            | ISI-PT-1        | PT 2001P064 NAD      | SI       | ISI-101  | 2/13/2001 |
| Comments:   | UT Examina  | ation Limited to 39.18% Co    | verage , One si  | ded exam due to  |                 | 11 20011 001 111.0   | <u>.</u> |          |           |
| 305138      | W-2         | PIPE - ELBOW                  | C-F-1            | C5.30            | ISI-PT-1        | PT 2001P065 NAD      | SI       | ISI-101  | 2/13/2001 |
| 305345      | VV-2<br>Н-4 | BOX HANGER                    | F-A              | F-A              | ISI-VT-2.0      | VT 2001V109 NAD      | SI       | ISI-97D  | 2/6/2001  |
| 305346      | W-13        | ELBOW - PIPE                  | C-F-1            | C5.21            | ISI-PT-1        | PT 2001P045 NAD      | SI       | ISI-97D  | 2/2/2001  |
| 000070      | VV-10       |                               | 0-1 -1           | JU.21            | ISI-UT-16A      | UT 2001U015 GEO      | SI       | ISI-97D  | 2/3/2001  |
| 305680      | W-23I SUD   | PIPE TO TEE                   | C-F-1            | C5.10            | ISI-PT-1        | PT 2001P042 NAD      | RH       | ISI-53C  | 2/1/2001  |
| 330000      | 77 ZOLOOD   | 10 1                          | J                | 30.10            | ISI-UT-16A      | UT 2001U019 GEO      | RH       | ISI-53C  | 2/2/2001  |
|             |             |                               |                  |                  | .0. 05/1        |                      |          | .0. 000  |           |

Owner: Northern States Power/ Xcel Energy LLC. Plant: 414 Nicollet Mall, Minneapolis, MN 55401

Plant Unit: Prairie Island Unit 1

Owner Certificate of Authorization (If Req.): n/a Commercial Service Date: 12/16/1973

National Board Number for Unit: n/a

| Summary No. | Comp ID      | Comp Desc.             | Category | item    | Procedure  | Method/Sheet/Results | System  | ISO Num    | Exam Date |
|-------------|--------------|------------------------|----------|---------|------------|----------------------|---------|------------|-----------|
| Class 3     |              |                        |          |         |            |                      |         |            |           |
| 312425      | CWH-405      | Snubber /Clamp         | F-A      | F-A     | ISI-VT-2.0 | VT 2001V124 NAD      | CW      | ND-1-3-17  | 2/9/2001  |
| 312451      | CWH-382      | Strut /Clamp           | F-A      | F-A     | ISI-VT-2.0 | VT 2001V127 NAD      | CW      | ND-1-3-20  | 2/9/2001  |
| 312481      | CWH-328      | Double Spring/U-Bolt   | F-A      | F-A     | ISI-VT-2.0 | VT 2001V015 NAD      | CW      | ND-1-3-24  | 1/24/2001 |
| 312536      | CWH-404      | Triple Rod /Clamp      | F-A      | F-A     | ISI-VT-2.0 | VT 2001V123 IND      | CW      | ND-1-3-47  | 2/9/2001  |
|             |              | ,                      |          |         | ISI-VT-2.0 | VT 2001V207 NAD      | CW      | ND-1-3-47  | 2/20/2001 |
| Comments:   | Reworked     | CR 20010828            |          |         |            |                      |         |            |           |
| 312551      | CWH-424      | Strut                  | D-B      | D&F-A   | ISI-VT-2.0 | VT 2001V122 IND      | CW      | ND-1-3-52  | 2/8/2001  |
| Comments:   | Use as is. ( | CR20011046             |          |         |            |                      |         |            |           |
| 312574      | CWH-332      | Bar /Clamp             | F-A      | F-A     | ISI-VT-2.0 | VT 2001V012 NAD      | CW      | ND-1-3-64  | 1/24/2001 |
| 312713      | CCH-72       | Rod /Clamp             | F-A      | F-A     | ISI-VT-2.0 | VT 2001V130 NAD      | CC      | ND-1-3-218 | 2/12/2001 |
| 312743      | CCH-374      | Strut                  | D-B      | D&F-A   | ISI-VT-2.0 | VT 2001V128 NAD      | CC      | ND-1-3-219 | 2/10/2001 |
| 312817      | AFWH-52      | Bar /U-Bolt            | F-A      | F-A     | ISI-VT-2.0 | VT 2001V211 NAD      | AF      | ND-1-3-248 | 2/20/2001 |
|             |              |                        |          |         | ISI-VT-2.0 | VT 2001V133 IND      | AF      | ND-1-3-248 | 2/12/2001 |
| Comments:   | Reworked-    | CR20010828             |          |         |            |                      |         |            |           |
| 312818      | AFWH-53      | Rod /Clamp             | F-A      | F-A     | ISI-VT-2.0 | VT 2001V126 NAD      | AF      | ND-1-3-248 | 2/10/2001 |
| 312819      | AFWH-54      | Rod /Clamp             | F-A      | F-A     | ISI-VT-2.0 | VT 2001V125 NAD      | AF      | ND-1-3-248 | 2/10/2001 |
| 312825      | AFWH-82      | Snubber /Clamp         | F-A      | F-A     | ISI-VT-2.0 | VT 2001V131 NAD      | AF      | ND-1-3-248 | 2/12/2001 |
| Class NC    |              | ·                      |          |         |            |                      |         |            |           |
| 301029      | PUMP#12      | BODY                   | TS       | TS4.2-1 | ISI-UT-12  | UT 2001U024 NAD      | RC      | ISI-34     | 2/6/2001  |
| 301030      | PUMP#12      | KEYWAY & BORE          | TS       | TS4.2-1 | ISI-UT-12  | UT 2001U023 NAD      | RC      | ISI-34     | 2/6/2001  |
| 305522      | N-1IN-IR     | FEEDWATER NOZZLE       | NC       | NCIN93- | ISI-MT-1   | MT 2001M001 NAD      | SG      | ISI-43B    | 1/27/2001 |
| 305523      | N-1RINGT     | EEFW RING TEE/SUPPORTS | S NC     | NCIN93- | ISI-VT-2.0 | VT 2001V037 NAD      | SG      | ISI-43B    | 1/27/2001 |
| 305524      | W-FVT        | TRANS WELD INT VT      | NC       | NCIN93- | ISI-VT-1.0 | VT 2001V040 NAD      | SG - 12 | ISI-43B    | 1/27/2001 |

## NORTHERN STATES POWER INSERVICE INSPECTION

## SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

## APPENDIX B

## **LIST OF SECTION XI VT-2 EXAMINATIONS**

1 Page

## Unit 1 Cycle 20 Pressure Test Report

| System<br>Code | Description                          | ASME<br>Code Class | Procedure   | Work Order | Completion<br>Date |
|----------------|--------------------------------------|--------------------|-------------|------------|--------------------|
| SI             | Safety Injection                     | 2                  | SP 1168.13  | 9904557    | 06/15/1999         |
| VC             | Chemical & Volume<br>Control         | 2                  | SP 1168.16  | 9904560    | 08/10/2000         |
| FW             | Main & Aux. Feedwater                | 2                  | SP 1168.17  | 9904561    | 06/15/1999         |
| ВА             | Boric Acid                           | 2                  | SP 1168.21  | 9909924    | 08/09/2000         |
| ZC             | Containment Penetrations Non- Outage | 2                  | SP 1168.24A | 9905550    | 06/15/1999         |
| RV             | Rx Vessel Vent                       | 2                  | SP 1168.23  | 0007190    | 02/24/2001         |
| RC             | Reactor Coolant                      | 1                  | SP 1070     | 0004761    | 02/24/2001         |

## NORTHERN STATES POWER INSERVICE INSPECTION

## SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

## APPENDIX C

## **RESULTS OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS**

32 Pages

### RESULTS OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS

### 0101 REFUEL OUTAGE

During the January 2001 scheduled refueling outage 100% of all accessible tubes in steam generator 11 and 12 were examined full length as part of the inservice inspection. The examination was conducted utilizing the multifrequency eddy current technique. The 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 prior to heat treatment and the sleeved portion of sleeved tubes. These bobbin coil examinations were completed using magnetically biased 0.720 inch, 0.700 inch and 0.680 inch diameter probes. Row 1 and 2 u-bends were examined after heat treatment using magnetically biased 0.650 inch diameter probes to verify the heat treatment process.
- 2. MRPC Examinations The 0.650 inch dual motion Mid Range Plus Point (PP11A) was used to examine 100% of the u-bend region of rows 1 and 2 prior to and after heat treatment. The 0.650 inch dual motion High Frequency Plus Point (PP9A) motorized rotating pancake coil (MRPC) technique was used to examine the u-bend region of rows 1 and 2 prior to and after heat treatment on all tubes that exceeded the average noise level of the EPRI qualification on the Mid Range Plus Point probe. The 0.650 inch dual motion magnetically biased Mid Range Plus Point (PP11) was used to examine the ubend region of rows 1 and 2 after heat treatment on all tubes that exhibited excessive permeability variations. The 0.700 inch and 0.720 inch 3-Coil (0.115" mid range pancake / Plus Point mid range / 0.080" high frequency shielded pancake) ceramic cap MRPC technique was used to examine 100% of the hot led tubes from three inches above the secondary tube sheet face through the tube end. The 0.700 inch and 0.720 inch 3-Coil (0.115" mid range pancake / Plus Point mid range / 0.080" high frequency shielded pancake) ceramic cap MRPC technique was used to examine 20% of the cold leg tubes from one inch above the secondary tube sheet face through the tube end. The 0.600 inch and 0.560 inch (Plus Point mid range magnetically biased) MRPC technique was used to examine 25% of the Asea Brown Boveri Combustion Engineering (ABBCE) Inconel 690 hot leg tube roll plugs and sleeve roll plugs. The 0.610 inch Dual (high / low frequency) Gimbaled Plus Point MRPC technique was used to examine the entire sleeve (from sleeve end to sleeve end) on 25% of the inservice sleeves.
- 3. Supplemental Examinations The 0.640 inch, 0.700 inch and 0.720 inch 3-Coil (0.115" mid range pancake / Plus Point mid range / 0.080" high frequency shielded pancake) ceramic cap MRPC technique was used to supplement the bobbin coil data to further characterize all: absolute drift signals, copper deposit signals, other deposit signals, dent signals > 5.0 volts at  $\pm 0.5$ " from a support structure or top of tube sheet, indications not reportable > 1.5 volts at tube support plates, manufacturing burnish mark signals, mix residual indication signals, possible loose part signals, possible support ligament indication signals, non quantifiable indication signals, distorted indication signals, cold leg thinning indications equal to or greater than 40% through wall and cold leg thinning indications less than 40% through wall but equal to or greater than 1.5 volts. The 0.720 inch magnetically biased 3-Coil (0.115" mid range pancake / Plus Point mid range / 0.080" high frequency shielded pancake) MRPC technique was used to disposition MRPC permeability variation indications. The 0.610 inch magnetically biased Dual (high / low frequency) Gimbaled Plus Point MRPC technique was utilized on sleeve weld indications and sleeves with excessive permeability variations.
- 4. Pre-Service Baseline Examinations The 0.730 inch combination probe (bobbin / 0.115" mid range pancake / Plus Point mid range) was used to baseline examine and profile all tubes rerolled this outage. The 0.610 inch Dual (high / low frequency) Gimbaled Plus Point MRPC technique was used to examine the entire sleeve (from sleeve end to sleeve end) on all installed sleeves. The 0.610 inch magnetically biased Dual (high / low frequency) Gimbaled Plus Point MRPC technique was utilized on sleeve weld indications.

ABBCE was contracted to acquire and evaluate the eddy current data. Zetec, Inc. was subcontracted by ABBCE to perform primary manual data analysis. Framatome Technologies, Inc. was contracted to perform a completely independent evaluation of all data acquired by ABBCE 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 and analysis software. The software utilized was Zetec, Inc. EDDYNET98 version 2.8.

A summary of the distribution and disposition of indications can be found in Table I.

A summary of the distribution and disposition of indications by tube can be found in Table II.

Lists of: tubes left inservice less than the Technical Specification (< T. S.) repair limit, tubes left inservice using the Alternate Repair Criteria (ARC), tubes left inservice with the F\* criteria without an additional reroll (F\*0), tubes left inservice with the F\* criteria with one additional reroll (F\*1), tubes left inservice with the F\* criteria with two additional rerolls (F\*2), tubes left inservice with the EF\* criteria with an additional elevated reroll (EF\*), tubes left inservice by installing a sleeve and tubes plugged this outage can be found in Tables III through X respectively.

A summary of the total tubes plugged and sleeved to date (03/01) can be found in Table XI.

TABLE I
Distribution and Disposition of indications

| S/G | < T. S. | ARC | F*0 | F*1 | F*2 | EF* | SLEEVE | PLUG* |
|-----|---------|-----|-----|-----|-----|-----|--------|-------|
| 11  | 181     | 340 | 295 | 15  | 3   | 18  | 0      | 15    |
| 12  | 41      | 161 | 3   | 5   | 0   | 0   | 107    | 29    |

<sup>\*</sup> Does not include repairable or replaced plugs

TABLE II

Distribution and Disposition of indications by Tube

| S/G | < T. S. | ARC | F*0 | F*1 | F*2 | EF* | SLEEVE | PLUG* |
|-----|---------|-----|-----|-----|-----|-----|--------|-------|
| 11  | 115     | 310 | 295 | 15  | 3   | 18  | 0      | 15    |
| 12  | 33      | 148 | 3   | 5   | 0   | 0   | 107    | 29    |

<sup>\*</sup> Does not include repairable or replaced plugs

TABLE III < T. S. Indications

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS              |
|-----|-----|-----|-----|---------|----------|-----------|---------|---------------------|
| 11  | Н   | 1   | 2   | 40      | TSH      | 17.59     | 0       | <ts< td=""></ts<>   |
| 11  | Н   | 1   | 3   | 28      | TSH      | 17.53     | 0       | <ts< td=""></ts<>   |
| 11  | Н   | 1   | 4   | 4       | TSH      | 17.53     | 0       | <t\$< td=""></t\$<> |
| 11  | Н   | 1   | 5   | 12      | TSH      | 17.54     | 0       | <ts< td=""></ts<>   |
| 11  | С   | 28  | 11  | 26      | 01C      | 0.21      | 0       | <ts< td=""></ts<>   |

## SUMMARY REPORT PRAIRIE ISLAND UNIT #1, 2001

| 11  | С   | 30       | 15       | 6        | 01C        | 0              | 0       | <ts< th=""></ts<>                |
|-----|-----|----------|----------|----------|------------|----------------|---------|----------------------------------|
| 11  | C   | 32       | 16       | 1        | 01C        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | C   | 33       | 16       | 3        | 01C        | 0              | 0       | <ts< td=""></ts<>                |
| S/G | LEG | ROW      | COL      | PERCENT  | LOCATION   | ELEV FROM      | ELEV TO | STATUS                           |
| 11  | C   | 23       | 24       | 11       | NV3        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | C   | 42       | 28       | 4        | 03C        | -0.21          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 40       | 30       | 29       | NV3        | -0.18          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 40       | 30       | 27       | NV4        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | C   | 42       | 30       | 38       | 03C        | -0.27          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 42       | 31       | 29       | NV3        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | c   | 42       | 31       | 24       | 03C        | -0.24          | 0       | <ts< td=""></ts<>                |
| 11  | c   | 42       | 31       | 4        | 01C        | 0.36           | 0       | <ts< td=""></ts<>                |
| 11  | c   | 20       | 32       | 18       | NV2        | -0.12          | 0       | <ts< td=""></ts<>                |
| 11  | c   | 20       | 32       | 18       | NV4        | 0.21           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 44       | 33       | 1        | 03C        | -0.24          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 39       | 35       | 24       | 07H        | 37.24          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 36       | 38       | 22       | NV2        | 33.18          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 26       | 39       | 24       | NV3        | -0.21          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 27       | 39       | 29       | NV2        | 3.09           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 27       | 39       | 20       | NV3        | -0.33          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 41       | 39       | 20       | NV2        | 38.9           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 39       | 27       | NV2        | 41.21          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 35       | 40       | 23       | 07H        | 32.99          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 35       | 40       | 42       | NV2        | 0.96           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 41       | 26       | 07H        | 35.49          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 41       | 24       | NV2        | 1.96           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 41       | 41       | 18       | NV1        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | С   | 41       | 41       | 18       | NV2        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | С   | 35       | 42       | 26       | 07H        | 33.12          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 35       | 42       | 36       | NV2        | 1.86           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 36       | 45       | 23       | NV4        | 2.9            | 0       | <ts< td=""></ts<>                |
| 11  | С   | 37       | 46       | 22       | NV2        | 33.79          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 36       | 47       | 26       | NV4        | 4.01           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 35       | 48       | 27       | NV2        | 31.05          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 35       | 48       | 41       | NV4        | 3.54           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 28       | 49       | 22       | NV4        | 3.6            | 0       | <ts< td=""></ts<>                |
| 11  | C   | 41       | 49       | 30       | NV2        | 38.21          | 0       | ' <ts< td=""></ts<>              |
| 11  | C   | 41       | 49       | 33       | NV4        | 5.04           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 49       | 38       | NV2        | 40.33          | 0       | <ts<br>∠TS</ts<br>               |
| 11  | C   | 43       | 49       | 37       | NV4        | 5.54           | 0       | <ts<br>∠TS</ts<br>               |
| 11  | C   | 38       | 50       | 24       | NV2        | 2.48           | 0       | <ts<br><ts< td=""></ts<></ts<br> |
| 11  | С   | 38       | 50       | 22<br>27 | NV2<br>07H | 35.52<br>36.43 | 0       | <ts< td=""></ts<>                |
| 11  | C   | 41       | 50       | L        | NV2        | 2.5            | 0       | <ts< td=""></ts<>                |
| 11  | C   | 41<br>19 | 50<br>51 | 32<br>21 | NV4        | 0.58           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 35       | 51       | 22       | NV2        | 31.99          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 35       | 51       | 20       | NV4        | 31.99          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 36       | 51       | 23       | NV2        | 2.6            | 0       | <ts< td=""></ts<>                |
| 1 1 | U   | 30       | 2.1      |          | INVZ       | 2.0            | U       | <u> </u>                         |

| 11  | С   | 36       | 51       | 32       | NV2        | 33.16         | 0       | <ts< th=""></ts<>                |
|-----|-----|----------|----------|----------|------------|---------------|---------|----------------------------------|
| 11  | O   | 38       | 51       | 32       | NV2        | 35.33         | 0       | <ts< td=""></ts<>                |
| 11  | 0   | 39       | 51       | 26       | NV2        | 36.05         | 0       | <ts< td=""></ts<>                |
| S/G |     | ROW      |          |          | LOCATION   |               | ELEV TO | STATUS                           |
|     |     |          |          | 22       | NV4        | 5.07          |         | <ts< td=""></ts<>                |
| 11  | C   | 39       | 51       |          |            |               | 0       |                                  |
| 11  | O C | 43       | 51       | 33       | NV2        | 40.04         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 43       | 51       | 28       | NV4        | 5.86          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 52       | 31       | NV2<br>NV4 | 35.26         | 0       | <ts<br><ts< td=""></ts<></ts<br> |
| 11  | С   | 38       | 52       | 20       | 07H        | 4.84<br>36.18 | 0       | <ts< td=""></ts<>                |
| 11  | C   | 40       | 52       | 24       |            |               | 0       | <ts< td=""></ts<>                |
| 11  | C   | 40       | 52       | 36       | NV2<br>NV2 | 1.92          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 52       | 35       | NV2<br>NV4 | 37.39<br>5.25 | 0       | <ts< td=""></ts<>                |
| 11  | C   | 40<br>44 | 52<br>52 | 25<br>29 | 01C        | -0.03         | 0       | <ts< td=""></ts<>                |
|     | С   |          |          | 18       | 01C        | -0.03         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 45<br>38 | 52<br>53 | 25       | NV2        | 2.1           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 53       | 43       | NV2<br>NV2 | 35.18         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 53       | 28       | NV4        | 5             | 0       | <ts< td=""></ts<>                |
| 11  | C   | 40       | 53       | 21       | NV2        | 37.53         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 43       | 53       | 25       | NV2        | 40.09         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 43       | 53       | 22       | NV4        | 5.64          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 44       | 53       | 25       | 01C        | -0.21         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 45       | 53       | 11       | 01C        | -0.12         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 29       | 54       | 29       | 07H        | 32.61         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 29       | 54       | 24       | NV2        | 1.47          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 29       | 54       | 27       | NV2        | 24.62         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 29       | 54       | 21       | NV4        | 1.3           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 36       | 54       | 37       | NV2        | 2.13          | 0       | <ts< td=""></ts<>                |
| 11  | c   | 36       | 54       | 24       | NV2        | 33.2          | 0       | <ts< td=""></ts<>                |
| 11  | c   | 36       | 54       | 25       | NV4        | 4.97          | 0       | <ts< td=""></ts<>                |
| 11  | c   | 42       | 54       | 38       | NV2        | 39.32         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 42       | 54       | 40       | NV4        | 5.78          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 54       | 21       | 01C        | -0.09         | 0       | <ts< td=""></ts<>                |
| 11  | C   | 31       | 55       | 29       | NV2        | 27.36         | 0       | <ts< td=""></ts<>                |
| 11  | С   | 37       | 55       | 24       | NV2        | 33.74         | 0       | <ts< td=""></ts<>                |
| 11  | С   | 39       | 55       | 23       | NV2        | 35.96         | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 55       | 22       | NV2        | 2.21          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 55       | 24       | NV2        | 40.34         | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 55       | 29       | NV4        | 5.08          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 44       | 55       | 27       | NV2        | 0             | 0       | <ts< td=""></ts<>                |
| 11  | С   | 44       | 55       | 20       | NV3        | 0.03          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 26       | 56       | 25       | NV2        | 1.12          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 26       | 56       | 34       | NV2        | 21.84         | 0       | <ts< td=""></ts<>                |
| 11  | С   | 26       | 56       | 33       | NV4        | 0.18          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 35       | 56       | 24       | NV4        | 2.42          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 36       | 56       | 31       | NV2        | 1.54          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 36       | 56       | 32       | NV4        | 2.58          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 41       | 56       | 24       | NV4        | 4.1           | 0       | <ts< td=""></ts<>                |

## XCEL ENERGY INSERVICE INSPECTION

| 11  | С   | 11       | 57       | 9        | NV1        | 0              | 0       | <ts< th=""></ts<>                |
|-----|-----|----------|----------|----------|------------|----------------|---------|----------------------------------|
| 11  | C   | 35       | 57       | 28       | NV2        | 1.56           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 35       | 57       | 32       | NV2        | 31.28          | 0       | <ts< td=""></ts<>                |
| S/G | LEG | ROW      | COL      | PERCENT  | LOCATION   | ELEV FROM      | ELEV TO | STATUS                           |
| 11  | C   | 36       | 57       | 26       | NV4        | 2.67           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 39       | 57       | 21       | NV2        | 35.41          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 39       | 57       | 23       | NV4        | 4.28           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 35       | 58       | 36       | NV4        | 3.46           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 58       | 39       | 07H        | 34.86          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 58       | 44       | NV2        | 2.03           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 58       | 27       | NV2        | 35.02          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 38       | 58       | 28       | NV4        | 5.79           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 39       | 58       | 27       | NV2        | 2.07           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 39       | 58       | 33       | NV2        | 35.45          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 39       | 58       | 32       | NV4        | 5.58           | 0       | <ts< td=""></ts<>                |
| 11  | c   | 41       | 58       | 45       | NV2        | 2.19           | 0       | <ts< td=""></ts<>                |
| 11  | Н   | 43       | 58       | 23       | TSH        | 1.09           | 0       | <ts< td=""></ts<>                |
| 11  | Н   | 44       | 58       | 33       | TSH        | 0.73           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 45       | 58       | 17       | 01C        | -0.09          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 18       | 59       | 14       | NV1        | -0.21          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 18       | 59       | 16       | NV2        | 0.09           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 31       | 59       | 20       | 07H        | 32.02          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 31       | 59       | 37       | NV2        | 1.27           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 31       | 59       | 43       | NV2        | 26.81          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 31       | 59       | 42       | NV4        | 5.42           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 59       | 44       | NV2        | 1.97           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 59       | 47       | NV2        | 36.92          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 59       | 24       | NV4        | -0.15          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 59       | 41       | NV4        | 3.77           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 43       | 59       | 9        | 03C        | -0.27          | 0       | <ts< td=""></ts<>                |
| 11  | Н   | 44       | 59       | 33       | TSH        | 0.73           | 0       | <ts< td=""></ts<>                |
| 11  | Н   | 44       | 59       | 36       | TSH        | 1.63           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 31       | 60       | 21       | 07H        | 32.82          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 31       | 60       | 16       | NV2        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | C   | 31       | 60       | 25       | NV2        | 1.38           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 31       | 60       | 34       | NV2        | 27.02          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 31       | 60       | 18       | NV3        | 0              | 0       | <ts< td=""></ts<>                |
| 11  | C   | 31       | 60       | 21       | NV4        | 1.58           | 0       | <ts< td=""></ts<>                |
| 11  | С   | 36       | 60       | 44       | NV2        | 1.83           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 36       | 60       | 21       | NV2        | 32.65          | 0       | <ts< td=""></ts<>                |
| 11  | C   | 27       | 61       | 31       | 07H        | 31.1           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 27       | 61       | 20       | NV2        | 1.29           | 0       | <ts<br><ts< td=""></ts<></ts<br> |
| 11  | C   | 27       | 61       | 20       | NV2        | 22.51<br>34.88 | 0       | <ts< td=""></ts<>                |
| 11  | C   | 36       | 61       | 41<br>43 | 07H<br>NV2 | 2              | 0       | <ts< td=""></ts<>                |
| 11  | C   | 36<br>36 | 61<br>61 | 43       | NV2<br>NV2 | 32.5           | 0       | <ts< td=""></ts<>                |
| 11  | C   | 36       | 61       | 20       | NV2<br>NV2 | 33.16          | 0       | <ts< td=""></ts<>                |
| 11  |     |          |          | <u> </u> | NV2        | 36.82          | 0       | <ts< td=""></ts<>                |
| 11  | С   | 40       | 61       | 25       | NVZ        | 30.02          |         | >13                              |

## XCEL ENERGY INSERVICE INSPECTION

| 11  | С   | 42       | 61       | 5       | 03C      | 0.09      | 0       | <ts< th=""></ts<> |
|-----|-----|----------|----------|---------|----------|-----------|---------|-------------------|
| 11  | C   | 36       | 62       | 21      | NV2      | 32.14     | 0       | <ts< td=""></ts<> |
| 11  | C   | 38       | 62       | 25      | NV2      | 34.56     | 0       | <ts< td=""></ts<> |
| S/G | LEG | ROW      | COL      | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS            |
| 11  | C   | 38       | 62       | 26      | NV4      | 4.01      | 0       | <ts< td=""></ts<> |
| 11  | C   | 36       | 63       | 25      | NV2      | 32.43     | 0       | <ts< td=""></ts<> |
|     |     | 33       |          | 20      | NV2      | 28.17     | 0       | <ts< td=""></ts<> |
| 11  | C   |          | 64<br>65 | 23      | NV2      | 1.86      | 0       | <ts< td=""></ts<> |
| 11  | C   | 30<br>36 | 66       | 23      | NV2      | 31.74     | 0       | <ts< td=""></ts<> |
| 11  | C   | 40       | 66       | 26      | NV1      | 0.03      | 0       | <ts< td=""></ts<> |
| 11  | C   | 40       | 66       | 30      | NV2      | 0.03      | 0       | <ts< td=""></ts<> |
| 11  | C   | 40       | 67       | 34      | 01C      | -0.03     | 0       | <ts< td=""></ts<> |
| 11  | C   | 37       | 71       | 7       | 01C      | 0.18      | 0       | <ts< td=""></ts<> |
| 11  | C   | 33       | 76       | 6       | 01C      | -0.15     | 0       | <ts< td=""></ts<> |
| 11  | C   | 35       | 77       | 1       | 01C      | 0.15      | 0       | <ts< td=""></ts<> |
| 11  | o o | 35       | 77       | 17      | 02C      | -0.21     | 0       | <ts< td=""></ts<> |
| 11  | C   | 29       | 80       | 17      | 01C      | -0.15     | 0       | <ts< td=""></ts<> |
| 11  | C   | 30       | 80       | 28      | 01C      | -0.12     | 0       | <ts< td=""></ts<> |
| 11  | C   | 26       | 81       | 2       | 01C      | -0.12     | 0       | <ts< td=""></ts<> |
| 11  | C   | 29       | 81       | 1       | 01C      | -0.03     | 0       | <ts< td=""></ts<> |
| 11  | C   | 31       | 82       | 13      | 02C      | 0         | 0       | <ts< td=""></ts<> |
| 11  | C   | 25       | 83       | 7       | 01C      | -0.24     | 0       | <ts< td=""></ts<> |
| 11  | C   | 26       | 85       | 21      | 02C      | -0.15     | 0       | <ts< td=""></ts<> |
| 11  | C   | 28       | 85       | 10      | 01C      | -0.18     | 0       | <ts< td=""></ts<> |
| 11  | C   | 24       | 86       | 28      | 01C      | -0.21     | 0       | <ts< td=""></ts<> |
| 11  | C   | 20       | 88       | 4       | 02C      | -0.21     | 0       | <ts< td=""></ts<> |
| 11  | C   | 23       | 88       | 1       | 02C      | 0.09      | 0       | <ts< td=""></ts<> |
| 11  | С   | 23       | 88       | 21      | 01C      | -0.12     | 0       | <ts< td=""></ts<> |
| 11  | C   | 15       | 89       | 4       | 01C      | -0.3      | 0       | <ts< td=""></ts<> |
| 11  | C   | 19       | 89       | 33      | 01C      | 0.09      | 0       | <ts< td=""></ts<> |
| 11  | C   | 18       | 90       | 1       | 01C      | -0.18     | 0       | <ts< td=""></ts<> |
| 11  | С   | 19       | 90       | 19      | 01C      | -0.18     | 0       | <ts< td=""></ts<> |
| 11  | С   | 9        | 91       | 28      | 01C      | -0.27     | 0       | <ts< td=""></ts<> |
| 11  | С   | 3        | 93       | 6       | 02C      | 0.06      | 0       | <ts< td=""></ts<> |
| 11  | С   | 5        | 93       | 1       | 01C      | 0.09      | 0       | <ts< td=""></ts<> |
| 11  | С   | 10       | 93       | 10      | 02C      | -0.12     | 0       | <ts< td=""></ts<> |
| 12  | С   | 18       | 27       | 25      | NV4      | 2.18      | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 29       | 23      | NV1      | 0         | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 29       | 36      | NV2      | 0.15      | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 29       | 37      | NV3      | 0.24      | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 29       | 18      | NV4      | -0.27     | 0       | <ts< td=""></ts<> |
| 12  | С   | 18       | 30       | 20      | NV2      | 1.2       | 0       | <ts< td=""></ts<> |
| 12  | С   | 44       | 39       | 25      | NV2      | 0.03      | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 41       | 39      | NV1      | 0         | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 41       | 33      | NV2      | -0.06     | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 41       | 26      | NV3      | -0.03     | 0       | <ts< td=""></ts<> |
| 12  | С   | 41       | 41       | 33      | NV4      | 0         | 0       | <ts< td=""></ts<> |
| 12  | С   | 38       | 48       | 27      | NV4      | 7.7       | 0       | <ts< td=""></ts<> |

| 12  | С   | 17  | 49  | 25      | NV2      | 1.54      | 0       | <ts< th=""></ts<> |
|-----|-----|-----|-----|---------|----------|-----------|---------|-------------------|
| 12  | С   | 17  | 49  | 20      | NV2      | 11.98     | 0       | <ts< td=""></ts<> |
| 12  | С   | 18  | 49  | 23      | NV2      | 1.55      | 0       | <ts< td=""></ts<> |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS            |
| 12  | С   | 45  | 49  | 39      | 01C      | 0.29      | 0       | <ts< td=""></ts<> |
| 12  | С   | 41  | 50  | 21      | NV2      | 38.39     | 0       | <ts< td=""></ts<> |
| 12  | С   | 41  | 51  | 22      | NV4      | 7.38      | 0       | <ts< td=""></ts<> |
| 12  | С   | 24  | 52  | 20      | NV2      | 1.22      | 0       | <ts< td=""></ts<> |
| 12  | С   | 36  | 53  | 20      | NV3      | 16.01     | 0       | <ts< td=""></ts<> |
| 12  | С   | 46  | 53  | 37      | 01C      | 0.32      | 0       | <ts< td=""></ts<> |
| 12  | С   | 22  | 57  | 21      | NV2      | 18.57     | 0       | <ts< td=""></ts<> |
| 12  | С   | 42  | 60  | 6       | 01C      | 0.12      | 0       | <ts< td=""></ts<> |
| 12  | С   | 25  | 68  | 21      | 07H      | 28.15     | 0       | <ts< td=""></ts<> |
| 12  | С   | 40  | 68  | 15      | 01C      | 0.18      | 0       | <ts< td=""></ts<> |
| 12  | С   | 37  | 71  | 2       | 01C      | 0.18      | 0       | <ts< td=""></ts<> |
| 12  | С   | 37  | 73  | 5       | 01C      | 0.12      | 0       | <ts< td=""></ts<> |
| 12  | С   | 29  | 80  | 17      | 01C      | 0.18      | 0       | <ts< td=""></ts<> |
| 12  | С   | 28  | 83  | 1       | 01C      | 0.12      | 0       | <ts< td=""></ts<> |
| 12  | С   | 22  | 84  | 7       | 01C      | 0.18      | 0       | <ts< td=""></ts<> |
| 12  | С   | 24  | 84  | 5       | 01C      | 0.18      | 0       | <ts< td=""></ts<> |
| 12  | С   | 24  | 84  | 2       | 01C      | -0.15     | 0       | <ts< td=""></ts<> |
| 12  | С   | 25  | 84  | 6       | 01C      | 0.03      | 0       | <ts< td=""></ts<> |
| 12  | С   | 22  | 86  | 10      | 01C      | 0.09      | 0       | <ts< td=""></ts<> |
| 12  | С   | 23  | 86  | 10      | 01C      | 0.09      | 0       | <ts< td=""></ts<> |
| 12  | С   | 26  | 86  | 5       | 01C      | -0.12     | 0       | <ts< td=""></ts<> |
| 12  | С   | 19  | 87  | 28      | 01C      | -0.12     | 0       | <ts< td=""></ts<> |
| 12  | С   | 20  | 88  | 11      | 01C      | 0         | 0       | <ts< td=""></ts<> |
| 12  | С   | 19  | 89  | 1       | 01C      | 0.06      | 0       | <ts< td=""></ts<> |
| 12  | С   | 17  | 90  | 14      | 01C      | 0         | 0       | <ts< td=""></ts<> |
| 12  | С   | 6   | 91  | 17      | 01C      | -0.21     | 0       | <ts< td=""></ts<> |

TABLE IV ARC Indications

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 1   | 3   | DSI     | 06H      | -0.06     | 0       | ARC    |
| 11  | Н   | 17  | 4   | DSI     | 01H      | 0.12      | 0       | ARC    |
| 11  | Н   | 14  | 7   | DSI     | 01H      | 0.21      | 0       | ARC    |
| 11  | Н   | 3   | 8   | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Н   | 16  | 8   | DSI     | 01H      | 0.12      | 0       | ARC    |
| 11  | Н   | 16  | 8   | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | Н   | 5   | 9   | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | Н   | 5   | 9   | DSI     | 03H      | 0.24      | 0       | ARC    |
| 11  | Н   | 14  | 9   | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 14  | 10  | DSI     | 01H      | 0         | 0       | ARC    |
| 11  | Н   | 12  | 11  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Н   | 13  | 11  | DSI     | 01H      | 0.03      | 0       | ARC    |

| 11 | Н   | 7   | 12  | DSI     | 03H      | 0.03  | 0       | ARC    |
|----|-----|-----|-----|---------|----------|-------|---------|--------|
| 11 | H   | 22  | 12  | DSI     | 01H      | 0.03  | 0       | ARC    |
| 11 | H   | 7   | 13  | DSI     | 02H      | 0.15  | 0       | ARC    |
|    | LEG | ROW | COL | PERCENT | LOCATION |       | ELEV TO | STATUS |
|    |     |     | 13  | DSI     | 01H      | 0.03  | 0       | ARC    |
| 11 | H   | 10  |     | DSI     | 02H      | 0.03  |         | ARC    |
| 11 | H   | 13  | 13  |         |          |       | 0       |        |
| 11 | Н   | 16  | 13  | DSI     | 01H      | 0.06  | 0       | ARC    |
| 11 | H   | 27  | 13  | DSI     | 03H      | 0.03  | 0       | ARC    |
| 11 | Ŧ:  | 9   | 14  | DSI     | 02H      | 0.15  | 0       | ARC    |
| 11 | H   | 6   | 15  | DSI     | 03H      | 0.09  | 0       | ARC    |
| 11 | Η:  | 18  | 15  | DSI     | 04H      | 0.21  | 0       | ARC    |
| 11 | Н   | 27  | 15  | DSI     | 03H      | 0.24  | 0       | ARC    |
| 11 | H   | 18  | 16  | DSI     | 01H      | 0.14  | 0       | ARC    |
| 11 | Н   | 34  | 16  | DSI     | 01H      | 0.09  | 0       | ARC    |
| 11 | Н   | 7   | 17  | SAI     | 02H      | -0.02 | 0.05    | ARC    |
| 11 | Н   | 7   | 17  | DSI     | 02H      | 0.09  | 0       | ARC    |
| 11 | Н   | 4   | 18  | DSI     | 06H      | 0.03  | 0       | ARC    |
| 11 | Н   | 6   | 19  | DSI     | 01H      | 0.03  | 0       | ARC    |
| 11 | Н   | 15  | 19  | DSI     | 04H      | 0.09  | 0       | ARC    |
| 11 | Н   | 31  | 20  | DSI     | 04H      | 0.09  | 0       | ARC    |
| 11 | Н   | 31  | 22  | DSI     | 01H      | 0.12  | 0       | ARC    |
| 11 | Н   | 19  | 23  | DSI     | 02H      | 0.21  | 0       | ARC    |
| 11 | Н   | 22  | 23  | DSI     | 03H      | 0.06  | 0       | ARC    |
| 11 | Н   | 31  | 23  | DSI     | 01H      | 0.03  | 0       | ARC    |
| 11 | Н   | 31  | 23  | DSI     | 02H      | 0.24  | 0       | ARC    |
| 11 | Н   | 8   | 24  | DSI     | 02H      | 0.15  | 0       | ARC    |
| 11 | Н   | 9   | 24  | DSI     | 04H      | 0.12  | 0       | ARC    |
| 11 | Н   | 12  | 24  | DSI     | 03H      | 0.09  | 0       | ARC    |
| 11 | H   | 10  | 25  | DSI     | 02H      | 0.12  | 0       | ARC    |
| 11 | H   | 10  | 26  | DSI     | 02H      | 0.15  | 0       | ARC    |
| 11 | Н   | 14  | 26  | SAI     | 04H      | 0.08  | 0.19    | ARC    |
| 11 | H   | 14  | 26  | DSI     | 04H      | 0.18  | 0       | ARC    |
| 11 | Н   | 25  | 26  | DSI     | 02H      | 0.12  | 0       | ARC    |
| 11 | Н   | 25  | 26  | DSI     | 03H      | 0.09  | 0       | ARC    |
| 11 | Н   | 27  | 26  | DSI     | 01H      | 0     | 0       | ARC    |
| 11 | H   | 32  | 26  | DSI     | 01H      | 0.09  | 0       | ARC    |
| 11 | H   | 6   | 27  | DSI     | 01H      | 0.09  | 0       | ARC    |
| 11 | H   | 16  | 27  | DSI     | 03H      | 0.09  | 0       | ARC    |
| 11 | H   | 19  | 27  | DSI     | 04H      | 0     | 0       | ARC    |
| 11 | H   | 22  | 27  | DSI     | 02H      | 0.09  | 0       | ARC    |
| 11 | H   | 32  | 27  | DSI     | 01H      | 0.06  | 0       | ARC    |
| 11 | Н   | 35  | 27  | DSI     | 02H      | 0.09  | 0       | ARC    |
| 11 | H   | 24  | 28  | DSI     | 01H      | 0.03  | 0       | ARC    |
| 11 | H   | 31  | 28  | DSI     | 01H      | 0.06  | 0       | ARC    |
| 11 | H   | 32  | 28  | DSI     | 01H      | 0.21  | 0       | ARC    |
| 11 | H   | 18  | 29  | DSI     | 01H      | 0.06  | 0       | ARC    |
| 11 | Н   | 20  | 29  | DSI     | 01H      | 0.09  | 0       | ARC    |
| 11 | Н   | 22  | 29  | DSI     | 01H      | 0     | 0       | ARC    |

| 11         H         26         29         DSI         02H         0.06         0           11         H         27         29         DSI         01H         0.09         0           11         H         23         30         DSI         01H         0.09         0           S/G         LEG         ROW         COL         PERCENT         LOCATION         ELEV FROM         ELEV           11         H         30         30         DSI         01H         0.12         0           11         H         30         30         DSI         01H         0         0           11         H         31         30         DSI         01H         0         0           11         H         34         30         DSI         01H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         231         DSI         03H         0.06         0           11         H         19         31         DSI         01H         0.12         0           11         H    | ARC ARC ARC TO STATUS ARC ARC ARC ARC ARC ARC ARC ARC ARC |
|---|---|
| 11         H         23         30         DSI         01H         0.09         0           S/G         LEG         ROW         COL         PERCENT         LOCATION         ELEV FROM         ELEV           11         H         30         30         DSI         01H         0.12         0           11         H         30         30         DSI         02H         0.12         0           11         H         31         30         DSI         01H         0         0           11         H         34         30         DSI         01H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         23         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         27         31         DSI         01H         0.03         0           11 | ARC TO STATUS ARC ARC ARC ARC ARC ARC                     |
| S/G         LEG         ROW         COL         PERCENT         LOCATION         ELEV FROM         ELEV           11         H         30         30         DSI         01H         0.12         0           11         H         30         30         DSI         01H         0         0           11         H         31         30         DSI         01H         0.06         0           11         H         34         30         DSI         01H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         231         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         19         31         DSI         01H         0.06         0           11         H         27         31         DSI         01H         0.12         0           11         H         27         31         DSI         02H         0.12         0           11         H | TO STATUS ARC ARC ARC ARC ARC ARC                         |
| 11         H         30         30         DSI         01H         0.12         0           11         H         30         30         DSI         02H         0.12         0           11         H         31         30         DSI         01H         0         0           11         H         34         30         DSI         01H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         2         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         19         31         DSI         01H         0.02         0           11         H         22         31         DSI         01H         0.03         0           11         H         27         31         DSI         01H         0.03         0           11         H         27         33         DSI         02H         0.15         0           11         H         <    | ARC<br>ARC<br>ARC<br>ARC<br>ARC                           |
| 11         H         30         30         DSI         02H         0.12         0           11         H         31         30         DSI         01H         0         0           11         H         34         30         DSI         03H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         2         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         19         31         DSI         02H         0.18         0           11         H         22         31         DSI         01H         0.02         0           11         H         27         31         DSI         01H         0.03         0           11         H         27         31         DSI         02H         0.12         0           11         H         27         33         DSI         02H         0.15         0           11         H         <    | ARC<br>ARC<br>ARC<br>ARC                                  |
| 11         H         31         30         DSI         01H         0         0           11         H         34         30         DSI         01H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         2         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         22         31         DSI         01H         0.12         0           11         H         27         31         DSI         01H         0.03         0           11         H         27         31         DSI         02H         0.12         0           11         H         27         33         DSI         04H         -0.06         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H             | ARC<br>ARC<br>ARC   |
| 11         H         34         30         DSI         01H         0.06         0           11         H         43         30         DSI         03H         0.06         0           11         H         2         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         22         31         DSI         01H         0.12         0           11         H         27         31         DSI         01H         0.03         0           11         H         27         31         DSI         02H         0.12         0           11         H         27         33         DSI         02H         0.12         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         37         33         DSI         01H         0.03         0           11         H           | ARC<br>ARC  |
| 11         H         43         30         DSI         03H         0.06         0           11         H         2         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         22         31         DSI         01H         0.02         0           11         H         27         31         DSI         01H         0.03         0           11         H         27         31         DSI         02H         0.12         0           11         H         23         DSI         02H         0.12         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.06         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         37           | ARC   |
| 11         H         2         31         DSI         03H         0.06         0           11         H         19         31         DSI         02H         0.18         0           11         H         22         31         DSI         01H         0.12         0           11         H         27         31         DSI         01H         0.03         0           11         H         23         32         DSI         02H         0.12         0           11         H         2         33         DSI         04H         -0.06         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.09         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.03         0           11         H           |   |
| 11         H         19         31         DSI         02H         0.18         0           11         H         22         31         DSI         01H         0.12         0           11         H         27         31         DSI         01H         0.03         0           11         H         23         32         DSI         02H         0.12         0           11         H         2         33         DSI         04H         -0.06         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.09         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.03         0           11         H         14         34         DSI         01H         0.06         0           11         H          | IANU  |
| 11         H         22         31         DSI         01H         0.12         0           11         H         27         31         DSI         01H         0.03         0           11         H         33         32         DSI         02H         0.12         0           11         H         2         33         DSI         04H         -0.06         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.06         0           11         H          | ARC   |
| 11         H         27         31         DSI         01H         0.03         0           11         H         33         32         DSI         02H         0.12         0           11         H         2         33         DSI         04H         -0.06         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.03         0           11         H         14         34         DSI         01H         0.06         0           11         H         26         34         DSI         01H         0.06         0           11         H          | ARC   |
| 11         H         33         32         DSI         02H         0.12         0           11         H         2         33         DSI         04H         -0.06         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.06         0           11         H         14         34         DSI         01H         0.12         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H          | ARC   |
| 11         H         2         33         DSI         04H         -0.06         0           11         H         27         33         DSI         02H         0.15         0           11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.06         0           11         H         14         34         DSI         01H         0.12         0           11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H             | ARC   |
| 11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.06         0           11         H         14         34         DSI         01H         0.12         0           11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         37         34         DSI         01H         0         0           11         H         37         34         DSI         01H         0         0           11         H         10        | ARC   |
| 11         H         32         33         DSI         01H         0.09         0           11         H         35         33         DSI         01H         0.03         0           11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.06         0           11         H         14         34         DSI         01H         0.12         0           11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         01H         0         0           11         H         10        | ARC   |
| 11         H         37         33         DSI         01H         0.03         0           11         H         40         33         DSI         01H         0.06         0           11         H         14         34         DSI         01H         0.12         0           11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         01H         0         0           11         H         11         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17        | ARC   |
| 11         H         40         33         DSI         01H         0.06         0           11         H         14         34         DSI         01H         0.12         0           11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0   | ARC   |
| 11         H         14         34         DSI         01H         0.12         0           11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0   | ARC   |
| 11         H         15         34         DSI         04H         0         0           11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0   | ARC   |
| 11         H         26         34         DSI         01H         0.06         0           11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0  | ARC   |
| 11         H         31         34         DSI         01H         0.06         0           11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0  | ARC   |
| 11         H         31         34         DSI         02H         0.12         0           11         H         37         34         DSI         01H         0         0           11         H         10         35         DSI         02H         0.03         0           11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0  | ARC   |
| 11     H     37     34     DSI     01H     0     0       11     H     10     35     DSI     02H     0.03     0       11     H     11     35     DSI     03H     0.12     0       11     H     17     35     DSI     04H     0.09     0  | ARC   |
| 11     H     10     35     DSI     02H     0.03     0       11     H     11     35     DSI     03H     0.12     0       11     H     17     35     DSI     04H     0.09     0   | ARC   |
| 11         H         11         35         DSI         03H         0.12         0           11         H         17         35         DSI         04H         0.09         0   | ARC   |
| 11 H 17 35 DSI 04H 0.09 0   | ARC   |
|   | ARC   |
|   | ARC   |
| 11 H 19 35 DSI 02H 0.21 0   | ARC   |
| 11 H 26 35 DSI 01H 0.12 0   | ARC   |
| 11 H 18 36 DSI 05H 0 0  | ARC   |
| 11         H         23         36         DSI         02H         0.09         0           11         H         26         36         DSI         02H         0.15         0   | ARC   |
|   | ARC ARC   |
|   | ARC   |
|   | ARC   |
| 11         H         35         36         DSI         02H         0.09         0           11         C         43         36         DSI         01C         -0.3         0   | ARC   |
| 11 C 43 36 DSI 01C -0.3 0   | ARC   |
| 11 H 30 37 DSI 02H 0.18 0   | ARC   |
| 11 H 13 38 DSI 02H 0.03 0   | ARC   |
| 11 H 33 38 DSI 02H 0.09 0   | ARC   |
| 11 H 5 39 DSI 03H -0.09 0   |   |
| 11 H 13 39 DSI 02H 0.21 0   | I ARC   |
| 11 H 13 39 DSI 03H 0.15 0   | ARC   |
| 11 H 18 39 DSI 05H 0.06 0   | ARC   |
| 11 H 32 39 DSI 01H 0.18 0   | ARC<br>ARC  |
| 11 H 35 39 DSI 02H 0.15 0   | ARC   |

| 11  | Н   | 4   | 40       | DSI        | 01H        | -0.03         | 0       | ARC        |
|-----|-----|-----|----------|------------|------------|---------------|---------|------------|
| 11  | Н   | 14  | 40       | DSI        | 01H        | 0.06          | 0       | ARC        |
| 11  | Н   | 14  | 40       | DSI        | 02H        | 0.09          | 0       | ARC        |
| S/G | LEG | ROW | COL      | PERCENT    | LOCATION   | ELEV FROM     | ELEV TO | STATUS     |
| 11  | Н   | 20  | 40       | DSI        | 02H        | 0.06          | 0       | ARC        |
| 11  | H   | 27  | 40       | DSI        | 02H        | 0.06          | 0       | ARC        |
| 11  | Н   | 18  | 41       | DSI        | 01H        | 0.06          | 0       | ARC        |
| 11  | Н   | 26  | 41       | DSI        | 02H        | 0.21          | 0       | ARC        |
| 11  | H   | 38  | 41       | DSI        | 02H        | 0.06          | 0       | ARC        |
| 11  | Н   | 16  | 42       | DSI        | 04H        | 0             | 0       | ARC        |
| 11  | Н   | 24  | 42       | DSI        | 02H        | 0.06          | 0       | ARC        |
| 11  | H   | 34  | 42       | DSI        | 02H        | 0.09          | 0       | ARC        |
| 11  | H   | 17  | 43       | DSI        | 01H        | 0.06          | 0       | ARC        |
| 11  | Н   | 25  | 43       | DSI        | 02H        | 0.18          | 0       | ARC        |
| 11  | H   | 27  | 43       | DSI        | 02H        | 0.18          | 0       | ARC        |
| 11  | Н   | 37  | 43       | DSI        | 03H        | 0.21          | 0       | ARC        |
| 11  | Н   | 38  | 43       | DSI        | 04H        | 0.03          | 0       | ARC        |
| 11  | Н   | 19  | 44       | DSI        | 04H        | 0.06          | 0       | ARC        |
| 11  | Н   | 42  | 44       | DSI        | 02H        | 0.12          | 0       | ARC        |
| 11  | Н   | 6   | 45       | DSI        | 02H        | 0.09          | 0       | ARC        |
| 11  | Н   | 6   | 45       | DSI        | 05H        | 0.09          | 0       | ARC        |
| 11  | Н   | 16  | 45       | DSI        | 02H        | 0.03          | 0       | ARC        |
| 11  | Н   | 18  | 45       | DSI        | 02H        | 0.09          | 0       | ARC        |
| 11  | Н   | 27  | 45       | DSI        | 03H        | 0.27          | 0       | ARC        |
| 11  | Н   | 41  | 45       | DSI        | 02H        | 0.27          | 0       | ARC        |
| 11  | Н   | 7   | 46       | DSI        | 04H        | -0.03         | 0       | ARC        |
| 11  | Н   | 30  | 46       | DSI        | 06H        | 0             | 0       | ARC        |
| 11  | Н   | 32  | 46       | DSI        | 02H        | 0.09          | 0       | ARC        |
| 11  | Н   | 23  | 47       | DSI        | 04H        | 0.09          | 0       | ARC        |
| 11  | Н   | 24  | 47       | DSI        | 01H        | 0.03          | 0       | ARC        |
| 11  | Н   | 25  | 47       | DSI        | 03H        | 0.15          | 0       | ARC        |
| 11  | Н   | 41  | 47       | DSI        | 01H        | 0.09          | 0       | ARC        |
| 11  | Н   | 43  | 47       | DSI        | 01H        | 0.12          | 0       | ARC        |
| 11  | Н   | 5   | 48       | DSI        | 02H        | 0.12          | 0       | ARC        |
| 11  | H   | 6   | 48       | DSI        | 05H        | 0             | 0       | ARC        |
| 11  | H   | 9   | 48       | DSI        | 02H        | 0.09          | 0       | ARC        |
| 11  | H   | 22  | 48       | DSI        | 05H        | 0.12          | 0       | ARC        |
| 11  | H   | 25  | 48       | DSI        | 01H        | 0.09          | 0       | ARC        |
| 11  | H   | 25  | 48       | DSI        | 03H        | 0.03          | 0       | ARC        |
| 11  | H   | 29  | 48       | DSI        | 02H        | 0.12          | 0       | ARC<br>ARC |
| 11  | H   | 30  | 48       | DSI<br>DSI | 04H        | -0.06<br>0.06 | 0       | ARC        |
| 11  |     | 11  | 49       | l          | 02H        | 0.06          | 0       | ARC        |
| 11  | Н   | 18  | 49       | DSI        | 02H        |               | 0       | ARC        |
| 11  | H   | 27  | 49       | DSI        | 01H        | 0.06          |         |            |
| 11  | Н   | 27  | 49<br>49 | DSI        | 06H        | 0.03<br>0.09  | 0       | ARC<br>ARC |
| 11  | Н   | 30  | 49       | DSI        | 02H<br>05H | 0.09          | 0       | ARC        |
| 11  | Н   | 31  |          | DSI        |            |               | 0       |            |
| 11  | H   | 32  | 49       | DSI        | 01H        | 0.03          | U       | ARC        |

| 11  | Н   | 15  | 50  | DSI     | 02H      | 0.15      | 0       | ARC    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 26  | 50  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 42  | 50  | DSI     | 01H      | 0.09      | 0       | ARC    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11  | Н   | 8   | 51  | DSI     | 01H      | 0         | 0       | ARC    |
| 11  | Н   | 10  | 51  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11  | H   | 27  | 51  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 28  | 51  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 8   | 52  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | Н   | 14  | 52  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11  | Н   | 17  | 52  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 18  | 52  | DSI     | 02H      | 0.03      | 0       | ARC    |
| 11  | Н   | 23  | 52  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | Н   | 29  | 52  | DSI     | 04H      | 0.12      | 0       | ARC    |
| 11  | Н   | 34  | 52  | DSI     | 02H      | 0.18      | 0       | ARC    |
| 11  | Н   | 16  | 53  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11  | Н   | 17  | 53  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | Н   | 22  | 53  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Н   | 23  | 53  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | Н   | 24  | 53  | DSI     | 03H      | 0.12      | 0       | ARC    |
| 11  | Н   | 26  | 53  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | Н   | 29  | 53  | DSI     | 02H      | 0.21      | 0       | ARC    |
| 11  | Н   | 10  | 54  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | Н   | 11  | 54  | DSI     | 05H      | 0.18      | 0       | ARC    |
| 11  | Н   | 12  | 54  | DSI     | 05H      | 0.03      | 0       | ARC    |
| 11  | Н   | 17  | 54  | DSI     | 02H      | 0.03      | 0       | ARC    |
| 11  | Н   | 18  | 54  | DSI     | 01H      | 0.03      | 0       | ARC    |
| 11  | Н   | 22  | 54  | DSI     | 02H      | 0.18      | 0       | ARC    |
| 11  | Н   | 27  | 54  | DSI     | 01H      | 0.15      | 0       | ARC    |
| 11  | Н   | 27  | 54  | DSI     | 02H      | 0.15      | 0       | ARC    |
| 11  | Н   | 32  | 54  | DSI     | 02H      | 0.15      | 0       | ARC    |
| 11  | Н   | 16  | 55  | DSI     | 05H      | 0.09      | 0       | ARC    |
| 11  | Н   | 18  | 55  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 23  | 55  | DSI     | 01H      | -0.09     | 0       | ARC    |
| 11  | Н   | 30  | 55  | DSI     | 04H      | 0.12      | 0       | ARC    |
| 11  | H   | 35  | 55  | DSI     | 04H      | 0.12      | 0       | ARC    |
| 11  | Н   | 42  | 55  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | H   | 7   | 56  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | H   | 15  | 56  | DSI     | 01H      | 0.12      | 0       | ARC    |
| 11  | H   | 35  | 56  | DSI     | 01H      | 0.15      | 0       | ARC    |
| 11  | Н   | 10  | 57  | DSI     | 04H      | 0.15      | 0       | ARC    |
| 11  | H   | 18  | 57  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11  | Н   | 33  | 57  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 15  | 58  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | H   | 18  | 58  | DSI     | 01H      | 0.15      | 0       | ARC    |
| 11  | H   | 21  | 58  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | H   | 30  | 58  | DSI     | 04H      | -0.06     | 0       | ARC    |
| 11  | H   | 3   | 59  | DSI     | 02H      | 0.03      | 0       | ARC    |

| 11 | Н      | 5   | 59  | DSI     | 05H      | 0.12      | 0       | ARC    |
|----|--------|-----|-----|---------|----------|-----------|---------|--------|
|    |        |     |     |         |          |           | 0       |        |
| 11 | H      | 8   | 59  | DSI     | 02H      | 0.17      |         | ARC    |
| 11 | H .= 0 | 16  | 59  | DSI     | 01H      | 0.03      | 0       | ARC    |
|    | LEG    | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11 | H      | 17  | 59  | DSI     | 03H      | 0.09      | 0       | ARC    |
| 11 | H      | 21  | 59  | DSI     | 03H      | 0.18      | 0       | ARC    |
| 11 | Ι      | 23  | 59  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11 | Ή      | 26  | 59  | DSI     | 05H      | 0.09      | 0       | ARC    |
| 11 | I      | 30  | 59  | DSI     | 02H      | 0.2       | 0       | ARC    |
| 11 | Η      | 30  | 59  | DSI     | 03H      | 0.18      | 0       | ARC    |
| 11 | Н      | 39  | 59  | DSI     | 01H      | -0.03     | 0       | ARC    |
| 11 | Τ      | 16  | 60  | DSI     | 03H      | 0.15      | 0       | ARC    |
| 11 | Τ      | 18  | 60  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11 | Н      | 29  | 60  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11 | Н      | 37  | 60  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11 | Η      | 4   | 61  | DSI     | 05H      | 0         | 0       | ARC    |
| 11 | Н      | 6   | 61  | DSI     | 03H      | 0.09      | 0       | ARC    |
| 11 | Н      | 10  | 61  | DSI     | 02H      | 0.17      | 0       | ARC    |
| 11 | Н      | 13  | 61  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11 | Н      | 22  | 61  | DSI     | 01H      | 0.12      | 0       | ARC    |
| 11 | Н      | 22  | 61  | DSI     | 03H      | 0.15      | 0       | ARC    |
| 11 | Н      | 14  | 62  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11 | Н      | 16  | 62  | DSI     | 03H      | 0.03      | 0       | ARC    |
| 11 | Н      | 18  | 62  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11 | Н      | 21  | 62  | DSI     | 01H      | 0.15      | 0       | ARC    |
| 11 | Н      | 2   | 63  | DSI     | 05H      | -0.03     | 0       | ARC    |
| 11 | Н      | 14  | 63  | DSI     | 05H      | 0.15      | 0       | ARC    |
| 11 | Н      | 28  | 63  | DSI     | 01H      | 0         | 0       | ARC    |
| 11 | Н      | 41  | 63  | DSI     | 02H      | 0         | 0       | ARC    |
| 11 | Н      | 42  | 63  | DSI     | 03H      | 0.06      | 0       | ARC    |
| 11 | Н      | 29  | 64  | DSI     | 03H      | 0.15      | 0       | ARC    |
| 11 | Н      | 39  | 64  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11 | Н      | 41  | 64  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11 | Н      | 41  | 64  | DSI     | 03H      | 0.15      | 0       | ARC    |
| 11 | Н      | 18  | 65  | DSI     | 02H      | 0.15      | 0       | ARC    |
| 11 | Н      | 24  | 65  | DSI     | 02H      | 0.18      | 0       | ARC    |
| 11 | Н      | 24  | 65  | DSI     | 03H      | 0.09      | 0       | ARC    |
| 11 | Н      | 38  | 65  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11 | Н      | 39  | 65  | DSI     | 02H      | 0.18      | 0       | ARC    |
| 11 | Н      | 39  | 65  | DSI     | 03H      | 0.09      | 0       | ARC    |
| 11 | Н      | 7   | 66  | DSI     | 05H      | 0.12      | 0       | ARC    |
| 11 | Н      | 13  | 67  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11 | Н      | 13  | 67  | SAI     | 01H      | 0.09      | 0.16    | ARC    |
| 11 | Н      | 29  | 67  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11 | Н      | 35  | 67  | DSI     | 02H      | 0.15      | 0       | ARC    |
| 11 | Н      | 38  | 67  | DSI     | 03H      | 0.23      | 0       | ARC    |
| 11 | Н      | 13  | 68  | DSI     | 01H      | 0.09      | 0       | ARC    |
|    |        |     |     |         |          |           |         |        |

| 11   H   18   68         |            |            | 1176         | 1 11    |            |
|--------------------------|------------|------------|--------------|---------|------------|
| 11 H 19 68               | DSI<br>DSI | 01H<br>02H | 0.15<br>0.12 | 0       | ARC<br>ARC |
| 11 H 29 68               | DSI        | 02H        | 0.12         | 0       | ARC        |
|                          | ERCENT     |            |              |         |            |
|                          |            | LOCATION   | ELEV FROM    | ELEV TO | STATUS     |
| 11 H 8 69                | DSI        | 02H        | 0.12         | 0       | ARC        |
| 11 H 13 69               | DSI        | 01H        | 0.03         | 0       | ARC        |
| 11 H 17 69               | DSI        | 01H        | 0.06         | 0       | ARC        |
| 11 H 20 70               | DSI        | 02H        | 0.15         | 0       | ARC        |
| 11 H 12 71               | DSI        | 01H        | 0.03         | 0       | ARC        |
| 11 H 19 71               | DSI        | 03H        | 0.15         | 0       | ARC        |
| 11 H 23 71               | DSI        | 02H        | 0.15         | 0       | ARC        |
| 11 H 5 72                | DSI        | 02H        | 0.21         | 0 0     | ARC        |
| 11 H 5 72                | DSI        | 05H        | 0.12         | 0       | ARC        |
| 11 H 8 72                | DSI        | 05H        | 0.03         | 0 0     | ARC        |
| 11 H 11 72               | DSI        | 01H        | 0.06         | 0       | ARC        |
| 11 H 11 72               | DSI        | 02H        | 0.18         | 0       | ARC        |
| 11 H 11 72<br>11 H 12 72 | DSI        | 05H<br>05H | 0.12<br>0.15 | 0       | ARC<br>ARC |
|                          | DSI        | 02H        | 0.15         | 0       | ARC        |
|                          | DSI        | 02H        |              | 0       |            |
| 11 H 23 72               | DSI        | 02H<br>02H | 0.06         | 0       | ARC<br>ARC |
| 11 H 29 72<br>11 H 33 72 | DSI        | 02H        | 0.12<br>0.15 | 0       | ARC        |
| 11 H 36 72               | DSI        | 02H        | 0.15         | 0       | ARC        |
| 11 H 9 73                | DSI        | 02H<br>01H | 0.13         | 0       | ARC        |
| 11 H 25 73               | DSI        | 03H        | 0.12         | 0       | ARC        |
| 11 H 29 73               | DSI        | 03H<br>02H | 0.13         | 0       | ARC        |
| 11 H 33 73               | DSI        | 02H        | 0.12         | 0       | ARC        |
| 11 H 3 74                | DSI        | 01H        | -0.12        | 0       | ARC        |
| 11 H 26 74               | DSI        | 02H        | 0.15         | 0       | ARC        |
| 11 C 38 74               | DSI        | 01C        | 0.23         | 0       | ARC        |
| 11 H 8 75                | DSI        | 01H        | 0.06         | 0       | ARC        |
| 11 H 8 75                | DSI        | 05H        | 0.03         | 0       | ARC        |
| 11 H 16 75               | DSI        | 03H        | 0.15         | 0       | ARC        |
| 11 H 18 75               | DSI        | 03H        | 0.09         | 0       | ARC        |
| 11 H 22 75               | DSI        | 02H        | 0.12         | 0       | ARC        |
| 11 H 26 75               | DSI        | 02H        | 0.21         | 0       | ARC        |
| 11 H 14 76               | DSI        | 02H        | 0.06         | 0       | ARC        |
| 11 H 15 76               | DSI        | 02H        | 0.12         | 0       | ARC        |
| 11 H 17 76               | DSI        | 02H        | 0.12         | 0       | ARC        |
| 11 H 11 77               | DSI        | 05H        | 0.12         | 0       | ARC        |
| 11 H 23 77               | DSI        | 02H        | 0.06         | 0       | ARC        |
| 11 H 8 78                | DSI        | 01H        | 0.15         | 0       | ARC        |
| 11 H 8 78                | DSI        | 02H        | 0.12         | 0       | ARC        |
| 11 H 8 78                | DSI        | 03H        | 0.06         | 0       | ARC        |
| 11 H 22 78               | DSI        | 01H        | 0            | 0       | ARC        |
| 11 H 24 78               | DSI        | 01H        | 0.06         | 0       | ARC        |
| 11 H 25 78               | DSI        | 02H        | 0.18         | 0       | ARC        |
| 11 H 29 78               | DSI        | 03H        | 0.09         | 0       | ARC        |

| 11  | Н   | 12  | 79  | DSI     | 01H      | 0.06      | 0       | ARC    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 12  | 79  | DSI     | 03H      | 0.18      | 0       | ARC    |
| 11  | Н   | 15  | 79  | DSI     | 03H      | 0.12      | 0       | ARC    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11  | С   | 33  | 79  | DSI     | 01C      | -0.32     | 0       | ARC    |
| 11  | Н   | 6   | 80  | DSI     | 04H      | 0.09      | 0       | ARC    |
| 11  | Н   | 18  | 80  | DSI     | 01H      | 0         | 0       | ARC    |
| 11  | Н   | 22  | 80  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 24  | 80  | DSI     | 01H      | 0.06      | 0       | ARC    |
| 11  | Н   | 28  | 80  | DSI     | 05H      | 0.15      | 0       | ARC    |
| 11  | Н   | 5   | 81  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Н   | 7   | 81  | DSI     | 05H      | 0.03      | 0       | ARC    |
| 11  | Н   | 21  | 81  | DSI     | 03H      | 0.03      | 0       | ARC    |
| 11  | Н   | 22  | 81  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Н   | 22  | 81  | DSI     | 02H      | 0.18      | 0       | ARC    |
| 11  | Н   | 3   | 82  | DSI     | 03H      | 0.03      | 0       | ARC    |
| 11  | Н   | 9   | 82  | DSI     | 05H      | 0.03      | 0       | ARC    |
| 11  | Н   | 17  | 82  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | Н   | 19  | 82  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Н   | 22  | 82  | DSI     | 01H      | 0.15      | 0       | ARC    |
| 11  | Н   | 22  | 82  | DSI     | 02H      | 0.18      | 0       | ARC    |
| 11  | Н   | 23  | 82  | DSI     | 03H      | 0.21      | 0       | ARC    |
| 11  | Н   | 4   | 83  | DSI     | 03H      | 0         | 0       | ARC    |
| 11  | Н   | 8   | 83  | DSI     | 04H      | 0.24      | 0       | ARC    |
| 11  | Н   | 17  | 83  | DSI     | 01H      | 0.03      | 0       | ARC    |
| 11  | Н   | 20  | 84  | DSI     | 03H      | 0.15      | 0       | ARC    |
| 11  | Н   | 26  | 84  | DSI     | 02H      | 0.24      | 0       | ARC    |
| 11  | Н   | 5   | 85  | SAI     | 01H      | 0.02      | 0.14    | ARC    |
| 11  | Н   | 5   | 85  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | Η   | 6   | 85  | DSI     | 03H      | 0.15      | 0       | ARC    |
| 11  | Η   | 16  | 85  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | С   | 28  | 85  | DSI     | 07C      | -0.18     | 0       | ARC    |
| 11  | Н   | 18  | 86  | DSI     | 01H      | 0.12      | 0       | ARC    |
| 11  | Н   | 19  | 86  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 11  | Н   | 6   | 87  | DSI     | 04H      | 0.06      | 0       | ARC    |
| 11  | Н   | 12  | 87  | DSI     | 02H      | 0.12      | 0       | ARC    |
| 11  | Н   | 3   | 88  | DSI     | 02H      | 0.03      | 0       | ARC    |
| 11  | Н   | 4   | 88  | DSI     | 01H      | 0         | 0       | ARC    |
| 11  | H   | 7   | 88  | DSI     | 03H      | 0.06      | 0       | ARC    |
| 11  | Н   | 3   | 90  | DSI     | 05H      | 0.06      | 0       | ARC    |
| 11  | Н   | 4   | 90  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 11  | H   | 11  | 90  | DSI     | 02H      | 0.03      | 0       | ARC    |
| 11  | H   | 13  | 91  | DSI     | 03H      | 0.06      | 0       | ARC    |
| 11  | С   | 16  | 91  | DSI     | 01C      | -0.36     | 0       | ARC    |
| 11  | С   | 6   | 93  | DSI     | 03C      | 0.27      | 0       | ARC    |
| 11  | H   | 2   | 94  | DSI     | 01H      | 0.09      | 0       | ARC    |
| 11  | H   | 4   | 94  | DSI     | 01H      | 0.12      | 0       | ARC    |
| 12  | Н   | 8   | 5   | DSI     | 02H      | 0.35      | 0       | ARC    |

| 12  | Н        | 17  | 9   | DSI     | 01H        | 0.18      | 0       | ARC    |
|-----|----------|-----|-----|---------|------------|-----------|---------|--------|
| 12  | H        | 19  | 9   | DSI     | 01H        | 0.06      | 0       | ARC    |
| 12  | -:-<br>H | 7   | 10  | DSI     | 02H        | 0.2       | 0       | ARC    |
| S/G | LEG      | ROW | COL | PERCENT | LOCATION   | ELEV FROM | ELEV TO | STATUS |
| 12  | H        | 8   | 10  | DSI     | 01H        | 0.03      | 0       | ARC    |
| 12  | H        | 20  | 10  | DSI     | 01H        | 0.03      | 0       | ARC    |
| 12  | Н        | 18  | 11  | DSI     | 02H        | 0.03      | 0       | ARC    |
| 12  | Н        | 22  | 15  | DSI     | 02H<br>01H | 0.09      | 0       | ARC    |
| 12  | Н        | 15  | 16  | DSI     | 02H        | 0.03      | 0       | ARC    |
| 12  | Н        | 29  | 17  | SAI     | 02H<br>01H | 0.03      | 0.12    | ARC    |
| 12  | Н        | 29  | 17  | DSI     | 01H        | 0.04      | 0.12    | ARC    |
| 12  | H        | 20  | 18  | DSI     | 01H        | 0.13      | 0       | ARC    |
| 12  | H        | 20  | 18  | DSI     | 02H        | 0.03      | 0       | ARC    |
| 12  | -:-<br>H | 20  | 20  | DSI     | 02H        | 0.12      | 0       | ARC    |
| 12  |          | 11  | 22  | DSI     | 02H        | 0.09      | 0       | ARC    |
| 12  | Н        | 37  | 22  | DSI     | 01H        | 0.05      | 0       | ARC    |
| 12  | Н        | 37  | 22  | DSI     | 04H        | 0.09      | 0       | ARC    |
| 12  | Н        | 10  | 23  | DSI     | 03H        | 0.15      | 0       | ARC    |
| 12  | Н        | 15  | 23  | DSI     | 01H        | 0.09      | 0       | ARC    |
| 12  | Н.       | 35  | 24  | DSI     | 01H        | 0.12      | 0       | ARC    |
| 12  | Н        | 28  | 25  | DSI     | 01H        | 0.09      | 0       | ARC    |
| 12  | Н        | 16  | 27  | DSI     | 02H        | 0.15      | 0       | ARC    |
| 12  | H        | 42  | 28  | DSI     | 03H        | 0.06      | 0       | ARC    |
| 12  | H        | 22  | 29  | DSI     | 01H        | 0.15      | 0       | ARC    |
| 12  | Н        | 16  | 30  | DSI     | 03H        | 0         | 0       | ARC    |
| 12  | Н        | 19  | 30  | DSI     | 01H        | 0.12      | 0       | ARC    |
| 12  | Н        | 31  | 30  | DSI     | 02H        | 0.18      | 0       | ARC    |
| 12  | Н        | 32  | 30  | DSI     | 01H        | 0.18      | 0       | ARC    |
| 12  | Н        | 19  | 31  | DSI     | 03H        | 0         | 0       | ARC    |
| 12  | Н        | 20  | 31  | DSI     | 03H        | 0         | 0       | ARC    |
| 12  | Н        | 41  | 31  | DSI     | 01H        | 0.09      | 0       | ARC    |
| 12  | Н        | 41  | 31  | DSI     | 03H        | 0.21      | 0       | ARC    |
| 12  | Н        | 27  | 32  | DSI     | 01H        | 0.09      | 0       | ARC    |
| 12  | Н        | 31  | 32  | DSI     | 02H        | 0.06      | 0       | ARC    |
| 12  | Н        | 33  | 32  | DSI     | 01H        | 0.09      | 0       | ARC    |
| 12  | Н        | 40  | 32  | DSI     | 02H        | 0.03      | 0       | ARC    |
| 12  | Н        | 10  | 33  | DSI     | 03H        | 0.06      | 0       | ARC    |
| 12  | Н        | 21  | 33  | DSI     | 01H        | 0.09      | 0       | ARC    |
| 12  | Н        | 2   | 34  | DSI     | 04H        | 0.03      | 0       | ARC    |
| 12  | Н        | 10  | 34  | DSI     | 01H        | 0.18      | 0       | ARC    |
| 12  | Н        | 18  | 34  | DSI     | 02H        | 0.06      | 0       | ARC    |
| 12  | Н        | 21  | 34  | DSI     | 01H        | 0.12      | 0       | ARC    |
| 12  | Н        | 21  | 34  | DSI     | 02H        | 0         | 0       | ARC    |
| 12  | Н        | 25  | 34  | DSI     | 01H        | 0.03      | 0       | ARC    |
| 12  | Н        | 34  | 35  | DSI     | 03H        | 0.12      | 0       | ARC    |
| 12  | Н        | 36  | 35  | DSI     | 02H        | 0.09      | 0       | ARC    |
| 12  | Н        | 41  | 35  | MAI     | 03H        | -0.27     | 0.2     | ARC    |
| 12  | Н        | 41  | 35  | DSI     | 03H        | 0.03      | 0       | ARC    |

| 12  | Н   | 42       | 35       | DSI        | 02H        | 0.15       | 0       | ARC        |
|-----|-----|----------|----------|------------|------------|------------|---------|------------|
| 12  | H   | 22       | 36       | DSI        | 01H        | 0.15       | 0       | ARC        |
| 12  | H   | 28       | 36       | DSI        | 01H        | 0.09       | 0       | ARC        |
| S/G | LEG | ROW      | COL      | PERCENT    | LOCATION   | ELEV FROM  | ELEV TO | STATUS     |
|     | H   |          | 38       | DSI        | 02H        | 0.09       | 0       | ARC        |
| 12  |     | 36<br>19 | 39       | DSI        | 02H        | -0.03      |         | ARC        |
| 12  | H   |          |          |            | i          |            | 0       |            |
| 12  | Н   | 23       | 39       | DSI        | 01H        | 0.06       | 0       | ARC        |
| 12  | H   | 43       | 39       | DSI<br>DSI | 02H        | 0.09       | 0       | ARC        |
| 12  | H   | 42<br>12 | 40<br>42 | DSI        | 03H<br>01H | -0.03<br>0 | 0       | ARC<br>ARC |
| 12  | H   |          |          |            |            | 0.12       |         |            |
| 12  | Н   | 28       | 42       | DSI        | 01H        |            | 0       | ARC        |
| 12  | H   | 15       | 43       | DSI        | 01H        | 0.06       |         | ARC        |
| 12  | Н   | 5        | 44       | DSI        | 01H        | 0.03       | 0       | ARC        |
| 12  | H   | 11       | 44       | DSI        | 01H        | 0.06       | 0       | ARC        |
| 12  | H   | 12       | 44       | DSI        | 04H        | 0.09       | 0       | ARC        |
| 12  | H   | 25       | 44       | DSI        | 02H        | 0.12       | 0       | ARC        |
| 12  | Н   | 33       | 45       | DSI        | 01H        | 0.09       |         | ARC        |
| 12  | H   | 29       | 46       | DSI        | 01H        | 0.18       | 0       | ARC        |
| 12  | H   | 38       | 47       | SAI        | 01H        | -0.11      | -0.01   | ARC        |
| 12  | Н   | 38       | 47       | DSI        | 01H        | -0.03      | 0       | ARC        |
| 12  | H   | 23       | 48       | DSI        | 04H        | 0          | 0       | ARC        |
| 12  | H   | 25       | 48       | DSI        | 02H        | 0.06       | 0       | ARC        |
| 12  | Н   | 26       | 49       | DSI        | 01H        | -0.09      | 0       | ARC        |
| 12  | Н   | 26       | 49       | DSI        | 02H        | -0.06      | 0       | ARC        |
| 12  | Н   | 39       | 49       | DSI        | 03H        | 0.03       | 0       | ARC        |
| 12  | H   | 13       | 50       | DSI        | 05H        | 0.09       | 0       | ARC        |
| 12  | Н   | 29       | 50       | DSI        | 01H        | -0.09      | 0       | ARC        |
| 12  | Н   | 32       | 50       | DSI        | 01H        | 0.09       | 0       | ARC        |
| 12  | Н   | 32       | 50       | DSI        | 02H        | 0          | 0       | ARC        |
| 12  | Н   | 11       | 51       | DSI        | 04H        | 0.12       | 0       | ARC        |
| 12  | Н   | 19       | 51       | DSI        | 01H        | 0.12       | 0       | ARC        |
| 12  | Н   | 26       | 51<br>51 | DSI<br>DSI | 02H<br>02H | 0.08       | 0       | ARC<br>ARC |
| 12  | H   | 29       |          |            |            | 0.15<br>0  | 0       | ARC        |
| 12  | Н   | 39       | 51<br>52 | DSI<br>DSI | 01H<br>02H | -0.09      | 0       | ARC        |
| 12  | Н   | 26       |          | DSI        | 02H        | -0.09      | 0       | ARC        |
| 12  | H   | 28<br>17 | 52<br>54 | DSI        | 02H<br>01H | 0.06       | 0       | ARC        |
| 12  |     | 26       | 55       | DSI        | 05H        | 0.00       | 0       | ARC        |
| 12  | H   | 28       | 55       | DSI        | 04H        | 0.09       | 0       | ARC        |
| 12  | H   | 31       | 55       | DSI        | 02H        | 0.09       | 0       | ARC        |
|     | Н   | 32       | 55       | DSI        | 02H        | 0.09       | 0       | ARC        |
| 12  |     | 27       | 56       | DSI        | 01H        | 0.12       | 0       | ARC        |
| 12  | Н   |          | -        |            | 04H        | 0.03       | 0       | ARC        |
| 12  | H   | 16       | 57       | DSI        | 04H<br>05H | 0.03       | 0       | ARC        |
| 12  | H   | 21       | 57       | DSI<br>DSI | 05H        | 0.03       | 0       | ARC        |
| 12  | H   | 32       | 57       |            | 03H        | 0.12       | 0       |            |
| 12  | H   | 11       | 58       | DSI        | <u></u>    |            | 0       | ARC        |
| 12  | Н   | 21       | 58       | DSI        | 05H        | 0.06       |         | ARC        |
| 12  | Н   | 22       | 59       | DSI        | 01H        | 0.09       | 0       | ARC        |

| 12  | Н        | 11  | 60  | DSI     | 02H | 0                   | 0       | ARC    |
|-----|----------|-----|-----|---------|-----|---------------------|---------|--------|
| 12  | Н        | 19  | 60  | DSI     | 01H | 0.14                | 0       | ARC    |
| 12  | Н        | 24  | 60  | DSI     | 02H | 0.14                | 0       | ARC    |
| S/G | LEG      | ROW | COL | PERCENT |     | Lance of the second | ELEV TO | STATUS |
|     |          |     |     |         |     |                     |         |        |
| 12  | Н        | 34  | 60  | DSI     | 01H | 0.15                | 0       | ARC    |
| 12  | Н        | 12  | 61  | DSI     | 03H | 0.03                | 0       | ARC    |
| 12  | Н        | 20  | 61  | DSI     | 01H | 0.17                | 0       | ARC    |
| 12  | H :      | 26  | 61  | DSI     | 01H | 0                   | 0       | ARC    |
| 12  | H        | 31  | 61  | DSI     | 02H | 0                   | 0       | ARC    |
| 12  | Н        | 32  | 61  | DSI     | 02H | 0.12                | 0       | ARC    |
| 12  | Η:       | 35  | 61  | DSI     | 01H | 0.06                | 0       | ARC    |
| 12  | <u>H</u> | 11  | 62  | DSI     | 02H | 0.06                | 0       | ARC    |
| 12  | H        | 21  | 62  | DSI     | 01H | 0.06                | 0       | ARC    |
| 12  | H        | 14  | 63  | DSI     | 01H | -0.03               | 0       | ARC    |
| 12  | H        | 19  | 63  | DSI     | 01H | 0.12                | 0       | ARC    |
| 12  | H        | 19  | 63  | DSI     | 04H | 0.12                | 0       | ARC    |
| 12  | H        | 19  | 64  | DSI     | 01H | 0.12                | 0       | ARC    |
| 12  | Н        | 19  | 64  | DSI     | 04H | 0.18                | 0       | ARC    |
| 12  | Н        | 25  | 64  | DSI     | 03H | -0.06               | 0       | ARC    |
| 12  | Н        | 20  | 65  | DSI     | 02H | 0                   | 0       | ARC    |
| 12  | H        | 20  | 65  | DSI     | 03H | 0.23                | 0       | ARC    |
| 12  | Н        | 20  | 66  | DSI     | 01H | 0.26                | 0       | ARC    |
| 12  | Н        | 28  | 66  | DSI     | 04H | -0.17               | 0       | ARC    |
| 12  | Н        | 30  | 66  | DSI     | 01H | -0.03               | 0       | ARC    |
| 12  | С        | 39  | 66  | DSI     | 01C | 0.29                | 0       | ARC    |
| 12  | Н        | 33  | 67  | DSI     | 02H | 0.18                | 0       | ARC    |
| 12  | Н        | 42  | 67  | DSI     | 04H | 0.06                | 0       | ARC    |
| 12  | Н        | 35  | 68  | DSI     | 02H | 0.06                | 0       | ARC    |
| 12  | Н        | 40  | 68  | DSI     | 02H | 0.06                | 0       | ARC    |
| 12  | Н        | 17  | 69  | DSI     | 01H | 0.29                | 0       | ARC    |
| 12  | Н        | 19  | 69  | DSI     | 01H | 0.15                | 0       | ARC    |
| 12  | H        | 35  | 69  | DSI     | 05H | 0.09                | 0       | ARC    |
| 12  | H        | 36  | 69  | DSI     | 02H | 0.18                | 0       | ARC    |
| 12  | Н        | 11  | 70  | DSI     | 03H | -0.06               | 0       | ARC    |
| 12  | H        | 16  | 70  | DSI     | 02H | 0.12                | 0       | ARC    |
| 12  | H        | 12  | 71  | DSI     | 02H | 0.21                | 0       | ARC    |
| 12  | H        | 24  | 71  | DSI     | 02H | 0.12<br>0.06        | 0       | ARC    |
| 12  | H        | 16  | 72  | DSI     | 02H |                     | 0       | ARC    |
| 12  | H        | 18  | 72  | DSI     | 01H | 0 06                | 0       | ARC    |
| 12  | H        | 18  | 72  | DSI     | 02H | 0.06                | 0       | ARC    |
| 12  | H        | 19  | 72  | DSI     | 01H | 0.15                | 0       | ARC    |
| 12  | H        | 25  | 72  | DSI     | 02H | 0.03                | 0       | ARC    |
| 12  | H        | 29  | 72  | DSI     | 02H | 0.06                | 0       | ARC    |
| 12  | Н        | 2   | 73  | DSI     | 02H | 0.03                | 0       | ARC    |
| 12  | H        | 21  | 73  | DSI     | 02H | 0.18                | 0       | ARC    |
| 12  | H        | 22  | 73  | DSI     | 02H | 0                   | 0       | ARC    |
| 12  | Н        | 18  | 75  | DSI     | 03H | 0.03                | 0       | ARC    |
| 12  | H        | 19  | 75  | DSI     | 02H | 0.12                | 0       | ARC    |

| 12  | Η   | 22  | 75  | DSI     | 02H      | 0.06      | 0       | ARC    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 12  | Н   | 12  | 76  | DSI     | 02H      | 0.15      | 0       | ARC    |
| 12  | Н   | 11  | 78  | DSI     | 02H      | 0.09      | 0       | ARC    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 12  | Н   | 18  | 78  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 12  | Н   | 33  | 78  | DSI     | 01H      | 0.18      | 0       | ARC    |
| 12  | Н   | 12  | 79  | DSI     | 02H      | 0         | 0       | ARC    |
| 12  | Н   | 18  | 80  | DSI     | 01H      | 0         | 0       | ARC    |
| 12  | H   | 19  | 80  | DSI     | 02H      | 0.09      | 0       | ARC    |
| 12  | Н   | 21  | 82  | DSI     | 02H      | 0         | 0       | ARC    |
| 12  | Н   | 25  | 82  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 12  | С   | 31  | 82  | DSI     | 01C      | 0.3       | 0       | ARC    |
| 12  | Н   | 15  | 83  | DSI     | 02H      | 0.06      | 0       | ARC    |
| 12  | Н   | 17  | 84  | DSI     | 02H      | 0         | 0       | ARC    |
| 12  | Н   | 3   | 85  | DSI     | 02H      | -0.06     | 0       | ARC    |
| 12  | Н   | 26  | 85  | DSI     | 01H      | 0.27      | 0       | ARC    |
| 12  | Н   | 5   | 92  | DSI     | 03H      | 0.06      | 0       | ARC    |
| 12  | Н   | 6   | 93  | DSI     | 03H      | 0.06      | 0       | ARC    |
| 12  | Н   | 6   | 94  | DSI     | 03H      | -0.03     | 0       | ARC    |
| 12  | Н   | 7   | 94  | DSI     | 03H      | 0.03      | 0       | ARC    |

TABLE V F\*0 Tubes

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 1   | 9   | SAN     | TRH      | -2.7      | -2.53   | F*0    |
| 11  | Н   | 8   | 9   | SCI     | TRH      | -2.56     | -2.51   | F*0    |
| 11  | Н   | 1   | 12  | SAN     | TRH      | -2.54     | -2.43   | F*0    |
| 11  | Н   | 2   | 12  | SAN     | TRH      | -2.25     | -2.21   | F*0    |
| 11  | Н   | 5   | 12  | SAI     | TRH      | -2.38     | -2.24   | F*0    |
| 11  | Н   | 6   | 12  | MAN     | TRH      | -2.38     | -2.22   | F*0    |
| 11  | Н   | 2   | 13  | SAN     | TRH      | -2.31     | -2.18   | F*0    |
| 11  | Н   | 1   | 14  | SAN     | TRH      | -2.53     | -2.46   | F*0    |
| 11  | Н   | 2   | 14  | SAN     | TRH      | -2.36     | -2.27   | F*0    |
| 11  | Н   | 3   | 14  | SAN     | TRH      | -2.34     | -2.24   | F*0    |
| 11  | Н   | 1   | 15  | MAN     | TRH      | -2.6      | -2.55   | F*0    |
| 11  | Н   | 1   | 16  | SAN     | TRH      | -2.42     | -2.34   | F*0    |
| 11  | Н   | 1   | 17  | MAN     | TRH      | -2.46     | -2.35   | F*0    |
| 11  | Н   | 2   | 17  | MAN     | TRH      | -2.31     | -2.19   | F*0    |
| 11  | Н   | 1   | 18  | SAN     | TRH      | -2.43     | -2.34   | F*0    |
| 11  | Н   | 2   | 18  | SAI     | TRH      | -2.46     | -2.39   | F*0    |
| 11  | Н   | 1   | 19  | SAN     | TRH      | -2.62     | -2.5    | F*0    |
| 11  | Н   | 1   | 20  | MAN     | TRH      | -2.65     | -2.59   | F*0    |
| 11  | Н   | 10  | 20  | SAN     | TRH      | -2.67     | -2.51   | F*0    |
| 11  | Н   | 1   | 21  | SAN     | TRH      | -2.64     | -2.49   | F*0    |
| 11  | Н   | 3   | 21  | MAN     | TRH      | -2.52     | -2.2    | F*0    |
| 11  | Н   | 10  | 21  | MAN     | TRH      | -2.5      | -2.44   | F*0    |

| 11  | Н   | 1        | 22       | MAN        | TRH        | -2.65          | -2.55          | F*0        |
|-----|-----|----------|----------|------------|------------|----------------|----------------|------------|
| 11  | Н   | 3        | 22       | SAN        | TRH        | -2.53          | -2.33<br>-2.47 | F*0        |
| 11  | Н   | 1        | 23       | SAN        | TRH        | -2.33<br>-2.48 | -2.41<br>-2.41 | F*0        |
|     |     | ROW      |          |            |            | ELEV FROM      | ELEV TO        |            |
| S/G |     |          |          | 1          |            |                |                | STATUS     |
| 11  | Н   | 6        | 23       | MAN        | TRH        | -2.55          | -2.43          | F*0        |
| 11  | H   | 8        | 23       | SAI        | TRH        | -2.48          | -2.4           | F*0        |
| 11  | H   | 1        | 24       | SAN        | TRH        | -2.59          | -2.45          | F*0        |
| 11  | Н   | 2        | 24       | MAN        | TRH        | -2.47          | -2.36          | F*0<br>F*0 |
| 11  | Н   | 1        | 25       | MAN        | TRH        | -2.53<br>-2.46 | -2.25<br>-2.36 | F*0        |
| 11  | H   | 2        | 25<br>25 | SAN        | TRH        |                | -2.30<br>-2.5  | F*0        |
| 11  |     |          |          | MAN        | TRH        | -2.61<br>-2.51 | -2.5<br>-2.33  | F*0        |
| 11  | H   | 4<br>5   | 25<br>25 | MAN        | TRH        |                | -2.33<br>-2.4  | F*0        |
| 11  |     |          |          | MAN        | TRH        | -2.53          |                | F*0        |
| 11  | H   | 10<br>12 | 25<br>25 | SAN<br>MAI | TRH<br>TRH | -2.51<br>-2.55 | -2.37<br>-2.43 | F*0        |
| 11  | H   | 20       | 25       | MAN        | TRH        | -2.55<br>-2.58 | -2.43<br>-2.41 | F*0        |
| 11  | Н   | 21       | 25       | MAN        | TRH        | -2.56<br>-2.6  | -2.41<br>-2.51 | F*0        |
| 11  | Н   | 1        | 26       | MAN        | TRH        | -2.53          | -2.41          | F*0        |
| 11  | Н   | 6        | 26       | SAN        | TRH        | -2.39          | -2.41          | F*0        |
| 11  | H   | 7        | 26       | SAN        | TRH        | -2.48          | -2.36          | F*0        |
| 11  | H   | 8        | 26       | SAN        | TRH        | -2.5           | -2.37          | F*0        |
| 11  | H   | 12       | 26       | SAI        | TRH        | -2.45          | -2.36          | F*0        |
| 11  | H   | 15       | 26       | SAI        | TRH        | -2.44          | -2.37          | F*0        |
| 11  | H H | 17       | 26       | MAN        | TRH        | -2.41          | -2.33          | F*0        |
| 11  | H H | 18       | 26       | SAI        | TRH        | -2.54          | -2.47          | F*0        |
| 11  | H   | 19       | 26       | MAN        | TRH        | -2.53          | -2.42          | F*0        |
| 11  | H   | 20       | 26       | MAN        | TRH        | -2.53          | -2.39          | F*0        |
| 11  | Н   | 21       | 26       | MAI        | TRH        | -2.53          | -2.46          | F*0        |
| 11  | Н   | 1        | 27       | MAN        | TRH        | -2.76          | -2.35          | F*0        |
| 11  | Н   | 2        | 27       | MAN        | TRH        | -2.35          | -2.25          | F*0        |
| 11  | Н   | 4        | 27       | MAN        | TRH        | -2.43          | -2.31          | F*0        |
| 11  | Н   | 5        | 27       | MAI        | TRH        | -2.56          | -2.42          | F*0        |
| 11  | Н   | 6        | 27       | SAN        | TRH        | -2.48          | -2.21          | F*0        |
| 11  | Н   | 7        | 27       | MAN        | TRH        | -2.5           | -2.38          | F*0        |
| 11  | Н   | 13       | 27       | MAI        | TRH        | -2.42          | -2.3           | F*0        |
| 11  | Н   | 19       | 27       | MAN        | TRH        | -2.46          | -2.37          | F*0        |
| 11  | Н   | 20       | 27       | MAN        | TRH        | -2.44          | -2.31          | F*0        |
| 11  | Н   | 1        | 28       | SAN        | TRH        | -2.54          | -2.42          | F*0        |
| 11  | Н   | 4        | 28       | SAN        | TRH        | -2.49          | -2.33          | F*0        |
| 11  | Н   | 5        | 28       | MAN        | TRH        | -2.49          | -2.32          | F*0        |
| 11  | Н   | 6        | 28       | SAI        | TRH        | -2.33          | -2.26          | F*0        |
| 11  | Н   | 7        | 28       | SAN        | TRH        | -2.45          | -2.34          | F*0        |
| 11  | H   | 9        | 28       | MAN        | TRH        | -2.47          | -2.29          | F*0        |
| 11  | Н   | 10       | 28       | SAI        | TRH        | -2.4           | -2.33          | F*0        |
| 11  | Н   | 12       | 28       | SAN        | TRH        | -2.44          | -2.37          | F*0        |
| 11  | Н   | 16       | 28       | SAN        | TRH        | -2.35          | -2.24          | F*0        |
| 11  | Н   | 18       | 28       | SAI        | TRH        | -2.33          | -2.26          | F*0        |
| 11  | H   | 19       | 28       | MAI        | TRH        | -2.44          | -2.36          | F*0        |

| 44  |     | - 20 | 20  | RAANI   | TDU | 2.4              | -2.3    | F*0    |
|-----|-----|------|-----|---------|-----|------------------|---------|--------|
| 11  | Н   | 20   | 28  | MAN     | TRH | -2.4             |         | F*0    |
| 11  | H   | 1    | 29  | MAN     | TRH | -2.5             | -2.31   | -      |
| 11  | Н   | 2    | 29  | SAN     | TRH | -2.55            | -2.45   | F*0    |
| S/G | LEG | ROW  | COL | PERCENT |     | ELEV FROM        | ELEV TO | STATUS |
| 11  | Н   | 5    | 29  | SAN     | TRH | -2.45            | -2.23   | F*0    |
| 11  | Н   | 7    | 29  | SAI     | TRH | -2.37            | -2.29   | F*0    |
| 11  | Н   | 8    | 29  | SAN     | TRH | -2.58            | -2.35   | F*0    |
| 11  | Н   | 11   | 29  | SAI     | TRH | -2.32            | -2.26   | F*0    |
| 11  | Н   | 12   | 29  | MAN     | TRH | -2.54            | -2.41   | F*0    |
| 11  | Η   | 15   | 29  | SAI     | TRH | -2.19            | -2.11   | F*0    |
| 11  | Н   | 18   | 29  | SAN     | TRH | -2.47            | -2.33   | F*0    |
| 11  | Ή   | 19   | 29  | MAN     | TRH | -2.42            | -2.33   | F*0    |
| 11  | Η   | 20   | 29  | MAN     | TRH | -2.54            | -2.36   | F*0    |
| 11  | Η   | 21   | 29  | SAI     | TRH | -2.43            | -2.39   | F*0    |
| 11  | Н   | 1    | 30  | SAN     | TRH | -2.83            | -2.62   | F*0    |
| 11  | Н   | 5    | 30  | SAN     | TRH | -2.53            | -2.42   | F*0    |
| 11  | Н   | 7    | 30  | MAN     | TRH | <del>-</del> 2.6 | -2.45   | F*0    |
| 11  | Н   | 9    | 30  | SAN     | TRH | -2.66            | -2.48   | F*0    |
| 11  | Н   | 13   | 30  | SAN     | TRH | -2.57            | -2.39   | F*0    |
| 11  | Н   | 14   | 30  | MAN     | TRH | -2.55            | -2.45   | F*0    |
| 11  | Н   | 15   | 30  | SAN     | TRH | -2.61            | -2.56   | F*0    |
| 11  | Н   | 19   | 30  | MAN     | TRH | -2.34            | -2.23   | F*0    |
| 11  | Н   | 20   | 30  | MAN     | TRH | -2.54            | -2.44   | F*0    |
| 11  | Н   | 21   | 30  | SAN     | TRH | -2.41            | -2.26   | F*0    |
| 11  | Н   | 1    | 31  | MAN     | TRH | -2.72            | -2.55   | F*0    |
| 11  | Н   | 5    | 31  | SAI     | TRH | -2.57            | -2.38   | F*0    |
| 11  | Н   | 9    | 31  | MAN     | TRH | -2.61            | -2.55   | F*0    |
| 11  | Н   | 10   | 31  | MAN     | TRH | -2.74            | -2.64   | F*0    |
| 11  | Н   | 13   | 31  | SAN     | TRH | -2.56            | -2.47   | F*0    |
| 11  | Н   | 14   | 31  | SAI     | TRH | <b>-</b> 2.57    | -2.51   | F*0    |
| 11  | Н   | 15   | 31  | MAN     | TRH | -2.54            | -2.39   | F*0    |
| 11  | Н   | 18   | 31  | SAI     | TRH | -2.45            | -2.31   | F*0    |
| 11  | Н   | 19   | 31  | MAN     | TRH | -2.42            | -2.32   | F*0    |
| 11  | Н   | 21   | 31  | SAN     | TRH | -2.5             | -2.36   | F*0    |
| 11  | Н   | 1    | 32  | MAN     | TRH | -2.71            | -2.52   | F*0    |
| 11  | Н   | 4    | 32  | SAN     | TRH | -2.51            | -2.42   | F*0    |
| 11  | Н   | 6    | 32  | SAN     | TRH | -2.5             | -2.34   | F*0    |
| 11  | Н   | 8    | 32  | SAN     | TRH | -2.78            | -2.67   | F*0    |
| 11  | Н   | 13   | 32  | MAI     | TRH | -2.52            | -2.43   | F*0    |
| 11  | Н   | 19   | 32  | MAN     | TRH | -2.41            | -2.32   | F*0    |
| 11  | Н   | 20   | 32  | SAI     | TRH | -2.43            | -2.36   | F*0    |
| 11  | Н   | 21   | 32  | MAN     | TRH | -2.43            | -2.26   | F*0    |
| 11  | Н   | 1    | 33  | SAN     | TRH | -2.73            | -2.58   | F*0    |
| 11  | Н   | 2    | 33  | SAN     | TRH | -2.51            | -2.41   | F*0    |
| 11  | Н   | 7    | 33  | SAN     | TRH | -2.47            | -2.38   | F*0    |
| 11  | Н   | 11   | 33  | SAN     | TRH | -2.6             | -2.54   | F*0    |
| 11  | Н   | 12   | 33  | SAN     | TRH | -2.5             | -2.38   | F*0    |
| 11  | Н   | 13   | 33  | SAN     | TRH | -2.54            | -2.44   | F*0    |

| 11  | Н  | 14      | 33 | MAN        | TRH        | -2.52                  | -2.37                      | F*0        |
|-----|--|---------|----|------------|------------|------------------------|----------------------------|------------|
| 11  | H  | 16      | 33 | SAN        | TRH        | -2.38                  | -2.31                      | F*0        |
| 11  | Н  | 17      | 33 | SAN        | TRH        | -2.38                  | -2.3                       | F*0        |
|     | LEG  |         |    | PERCENT    |            | ELEV FROM              | ELEV TO                    | STATUS     |
| S/G |  | ROW     |    |            |            |                        |                            | F*0        |
| 11  | H  | 18      | 33 | SAN        | TRH        | -2.5                   | -2.35                      | F*0        |
| 11  | H  | 19      | 33 | SAN        | TRH        | -2.36                  | -2.24                      | -          |
| 11  | Н  | 20      | 33 | SAI        | TRH        | -2.41                  | -2.33                      | F*0        |
| 11  | Н  | 1       | 34 | SAN        | TRH        | -2.61                  | -2.43                      | F*0<br>F*0 |
| 11  | Н  | 6       | 34 | SAN        | TRH        | -2.53                  | -2.37                      | F*0<br>F*0 |
| 11  | H  | 7       | 34 | SAN        | TRH        | -2.62                  | -2.53                      | F*0        |
| 11  | Н  | 8       | 34 | SAN        | TRH        | -2.44                  | -2.38                      |            |
| 11  | Н  | 9       | 34 | SAN        | TRH        | -2.55                  | -2.43                      | F*0<br>F*0 |
| 11  | Н  | 10      | 34 | MAN        | TRH        | -2.6                   | -2.49                      | F*0        |
| 11  | H  | 11      | 34 | MAN        | TRH        | -2.61                  | -2.49                      | F*0<br>F*0 |
| 11  | H  | 12      | 34 | MAN        | TRH        | -2.6                   | -2.47                      |            |
| 11  | H  | 13      | 34 | SAN        | TRH        | -2.66<br>-2.16         | -2.47<br>-2.09             | F*0<br>F*0 |
| 11  | H  | 17      | 34 | SAN        | TRH        |                        |                            | F*0        |
| 11  | H  | 18      | 34 | SAI        | TRH<br>TRH | -2.43<br>-2.27         | -2.36<br>-2.2              | F*0        |
| 11  | H  | 19<br>1 | 35 | MAN<br>SAN | TRH        | -2.2 <i>1</i><br>-2.88 | -2.2<br>-2.72              | F*0        |
| 11  | H  | 2       | 35 | SAN        | TRH        | -2.63                  | -2.12<br>-2.44             | F*0        |
| 1   | H  | 4       | 35 | SAN        | TRH        | -2.61                  | -2. <del>44</del><br>-2.41 | F*0        |
| 11  | Н  | 6       | 35 | SAI        | TRH        | -2.51<br>-2.51         | -2.41<br>-2.45             | F*0        |
| 11  | Н  | 12      | 35 | SAN        | TRH        | -2.63                  | -2.43                      | F*0        |
| 11  | Н  | 13      | 35 | SAN        | TRH        | -2.56                  | -2.47                      | F*0        |
| 11  | ''<br>  H                                  | 14      | 35 | SAN        | TRH        | -2.65                  | -2.55                      | F*0        |
| 11  | <u>                                   </u> | 15      | 35 | SAN        | TRH        | -2.54                  | -2.42                      | F*0        |
| 11  | H  | 16      | 35 | SAN        | TRH        | -2.68                  | -2.61                      | F*0        |
| 11  | H  | 1       | 36 | MAN        | TRH        | -2.7                   | -2.51                      | F*0        |
| 11  | H  | 2       | 36 | MAN        | TRH        | -2.48                  | -2.33                      | F*0        |
| 11  | H  | 4       | 36 | SAN        | TRH        | -2.53                  | -2.42                      | F*0        |
| 11  | H  | 5       | 36 | SAN        | TRH        | -2.5                   | -2.41                      | F*0        |
| 11  | H  | 9       | 36 | SAI        | TRH        | -2.55                  | -2.45                      | F*0        |
| 11  | H  | 13      | 36 | MAN        | TRH        | -2.54                  | -2.39                      | F*0        |
| 11  | H  | 14      | 36 | MAN        | TRH        | -2.6                   | -2.46                      | F*0        |
| 11  | Н  | 15      | 36 | SAN        | TRH        | -2.57                  | -2.5                       | F*0        |
| 11  | H  | 16      | 36 | MAN        | TRH        | -2.71                  | -2.58                      | F*0        |
| 11  | H  | 20      | 36 | SAN        | TRH        | -2.49                  | -2.35                      | F*0        |
| 11  | Н  | 21      | 36 | SAN        | TRH        | -2.47                  | -2.36                      | F*0        |
| 11  | Н  | 1       | 37 | MAN        | TRH        | -2.57                  | -2.41                      | F*0        |
| 11  | H  | 2       | 37 | MAN        | TRH        | -2.57                  | -2.45                      | F*0        |
| 11  | Н  | 6       | 37 | MAN        | TRH        | -2.55                  | -2.42                      | F*0        |
| 11  | Н  | 9       | 37 | SAN        | TRH        | -2.58                  | -2.47                      | F*0        |
| 11  | Н  | 11      | 37 | SAN        | TRH        | -2.55                  | -2.44                      | F*0        |
| 11  | Н  | 16      | 37 | MAN        | TRH        | -2.78                  | -2.59                      | F*0        |
| 11  | Н  | 19      | 37 | MAI        | TRH        | -2.65                  | -2.42                      | F*0        |
| 11  | Н  | 20      | 37 | SAI        | TRH        | -2.51                  | -2.43                      | F*0        |
| 11  | Н  | 1       | 38 | SAN        | TRH        | -2.61                  | -2.52                      | F*0        |

| 11  | Н   | 4  | 38  | MAN | TRH      | -2.61     | -2.53   | F*0        |
|-----|-----|----|-----|-----|----------|-----------|---------|------------|
| 11  | H   | 8  | 38  | MAN | TRH      | -2.77     | -2.64   | F*0        |
| 11  | H   | 9  | 38  | MAN | TRH      | -2.52     | -2.26   | F*0        |
| S/G | LEG |    | COL |     | LOCATION | ELEV FROM | ELEV TO | STATUS     |
| 11  | Н   | 12 | 38  | SAI | TRH      | -2.62     | -2.56   | F*0        |
| 11  | Н   | 13 | 38  | SAN | TRH      | -2.38     | -2.33   | F*0        |
| 11  | H   | 14 | 38  | MAN | TRH      | -2.72     | -2.49   | F*0        |
| 11  | H   | 15 | 38  | MAN | TRH      | -2.46     | -2.33   | F*0        |
| 11  | H   | 16 | 38  | SAN | TRH      | -2.40     | -2.51   | F*0        |
| 11  | H   | 21 | 38  | SAN | TRH      | -2.58     | -2.4    | F*0        |
| 11  | H   | 22 | 38  | MAI | TRH      | -2.57     | -2.38   | F*0        |
| 11  | Н   | 1  | 39  | MAN | TRH      | -2.46     | -2.27   | F*0        |
| 11  | H   | 2  | 39  | MAN | TRH      | -2.38     | -2.25   | F*0        |
| 11  | Н   | 4  | 39  | SAN | TRH      | -2.52     | -2.46   | F*0        |
| 11  | H   | 7  | 39  | SAN | TRH      | -2.42     | -2.32   | F*0        |
| 11  | H   | 12 | 39  | SAN | TRH      | -2.7      | -2.62   | F*0        |
| 11  | H   | 14 | 39  | SAN | TRH      | -2.74     | -2.68   | F*0        |
| 11  | H   | 15 | 39  | SAN | TRH      | -2.43     | -2.33   | F*0        |
| 11  | H   | 20 | 39  | MAN | TRH      | -2.61     | -2.21   | F*0        |
| 11  | H   | 21 | 39  | SAN | TRH      | -2.5      | -2.32   | F*0        |
| 11  | H   | 22 | 39  | SAN | TRH      | -2.57     | -2.37   | F*0        |
| 11  | Н   | 35 | 39  | SAN | TRH      | -2.46     | -2.34   | F*0        |
| 11  | Н   | 1  | 40  | MAN | TRH      | -2.58     | -2.47   | F*0        |
| 11  | Н   | 5  | 40  | SAN | TRH      | -2.35     | -2.23   | F*0        |
| 11  | H   | 9  | 40  | MAN | TRH      | -2.44     | -2.31   | F*0        |
| 11  | Н   | 12 | 40  | MAI | TRH      | -2.19     | -2.15   | F*0        |
| 11  | Н   | 13 | 40  | MAN | TRH      | -2.36     | -2.28   | F*0        |
| 11  | Н   | 14 | 40  | SAN | TRH      | -2.7      | -2.67   | F*0        |
| 11  | H   | 15 | 40  | SAN | TRH      | -2.19     | -2.12   | F*0        |
| 11  | Н   | 19 | 40  | MAN | TRH      | -2.45     | -2.36   | F*0        |
| 11  | Н   | 20 | 40  | MAN | TRH      | -2.56     | -2.39   | F*0        |
| 11  | Н   | 22 | 40  | MAN | TRH      | -2.58     | -2.35   | F*0        |
| 11  | Н   | 1  | 41  | MAN | TRH      | -2.49     | -2.38   | F*0        |
| 11  | Н   | 4  | 41  | MAN | TRH      | -2.42     | -2.26   | F*0        |
| 11  | Н   | 7  | 41  | MAI | TRH      | -2.23     | -2.15   | F*0        |
| 11  | Н   | 12 | 41  | SAN | TRH      | -2.75     | -2.63   | F*0        |
| 11  | Н   | 15 | 41  | MAN | TRH      | -2.41     | -2.29   | F*0        |
| 11  | H   | 16 | 41  | SAN | TRH      | -2.69     | -2.62   | F*0        |
| 11  | H   | 17 | 41  | SAN | TRH      | -2.47     | -2.42   | F*0        |
| 11  | H   | 18 | 41  | SAN | TRH      | -2.46     | -2.29   | F*0        |
| 11  | H   | 19 | 41  | SAI | TRH      | -2.46     | -2.42   | F*0        |
| 11  | H   | 20 | 41  | SAN | TRH      | -2.61     | -2.31   | F*0        |
| 11  | H   | 4  | 42  | MAN | TRH      | -2.47     | -2.33   | F*0        |
| 11  | H   | 8  | 42  | SAI | TRH      | -2.42     | -2.32   | F*0        |
| 11  | H   | 12 | 42  | MAN | TRH      | -2.76     | -2.57   | F*0        |
| 11  | H   | 14 | 42  | SAN | TRH      | -2.51     | -2.42   | F*0<br>F*0 |
| 11  | H   | 16 | 42  | SAN | TRH      | -2.54     | -2.42   | F*0<br>F*0 |
| 11  | Н   | 19 | 42  | SAN | TRH      | -2.49     | -2.41   | F 0        |

| 11  | Н   | 20  | 42  | SAN     | TRH      | -2.54     | -2.31   | F*0    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | H   | 21  | 42  | MAN     | TRH      | -2.45     | -2.37   | F*0    |
| 11  | Н   | 1   | 43  | SAN     | TRH      | -2.56     | -2.44   | F*0    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11  | H   | 2   | 43  | SAN     | TRH      | -2.68     | -2.57   | F*0    |
| 11  | Н   | 6   | 43  | MAN     | TRH      | -2.69     | -2.56   | F*0    |
| 11  | H   | 7   | 43  | MAN     | TRH      | -2.5      | -2.39   | F*0    |
| 11  | H   | 8   | 43  | SAN     | TRH      | -2.68     | -2.62   | F*0    |
| 11  | H   | 12  | 43  | SAN     | TRH      | -2.66     | -2.61   | F*0    |
| 11  | H   | 14  | 43  | SAI     | TRH      | -2.42     | -2.32   | F*0    |
| 11  | H   | 15  | 43  | MAI     | TRH      | -2.5      | -2.41   | F*0    |
| 11  | H   | 17  | 43  | MAN     | TRH      | -2.48     | -2.36   | F*0    |
| 11  | H   | 19  | 43  | SAI     | TRH      | -2.44     | -2.38   | F*0    |
| 11  | Н   | 21  | 43  | SAI     | TRH      | -2.42     | -2.34   | F*0    |
| 11  | H   | 22  | 43  | SAN     | TRH      | -2.52     | -2.36   | F*0    |
| 11  | H   | 1   | 44  | SAN     | TRH      | -2.6      | -2.51   | F*0    |
| 11  | H   | 5   | 44  | SAN     | TRH      | -2.49     | -2.4    | F*0    |
| 11  | H   | 6   | 44  | SAN     | TRH      | -2.62     | -2.52   | F*0    |
| 11  | H   | 7   | 44  | SAI     | TRH      | -2.46     | -2.36   | F*0    |
| 11  | H   | 10  | 44  | MAN     | TRH      | -2.87     | -2.6    | F*0    |
| 11  | H   | 12  | 44  | SAN     | TRH      | -2.67     | -2.51   | F*0    |
| 11  | Н   | 14  | 44  | MAN     | TRH      | -2.73     | -2.66   | F*0    |
| 11  | H   | 16  | 44  | MAN     | TRH      | -2.72     | -2.68   | F*0    |
| 11  | H   | 17  | 44  | MAN     | TRH      | -2.44     | -2.34   | F*0    |
| 11  | Н   | 19  | 44  | MAN     | TRH      | -2.42     | -2.33   | F*0    |
| 11  | Н   | 20  | 44  | MAI     | TRH      | -2.59     | -2.35   | F*0    |
| 11  | Н   | 21  | 44  | SAN     | TRH      | -2.45     | -2.31   | F*0    |
| 11  | Н   | 22  | 44  | SAN     | TRH      | -2.47     | -2.21   | F*0    |
| 11  | Н   | 1   | 45  | SAN     | TRH      | -2.54     | -2.36   | F*0    |
| 11  | Н   | 6   | 45  | SAN     | TRH      | -2.51     | -2.35   | F*0    |
| 11  | Н   | 8   | 45  | SAN     | TRH      | -2.68     | -2.51   | F*0    |
| 11  | Н   | 9   | 45  | SAN     | TRH      | -2.47     | -2.41   | F*0    |
| 11  | Н   | 10  | 45  | SAN     | TRH      | -2.72     | -2.58   | F*0    |
| 11  | Н   | 12  | 45  | SAN     | TRH      | -2.6      | -2.53   | F*0    |
| 11  | Н   | 14  | 45  | MAN     | TRH      | -2.93     | -2.81   | F*0    |
| 11  | Н   | 15  | 45  | MAN     | TRH      | -2.48     | -2.42   | F*0    |
| 11  | Н   | 19  | 45  | MAN     | TRH      | -2.47     | -2.36   | F*0    |
| 11  | Н   | 21  | 45  | MAN     | TRH      | -2.46     | -2.38   | F*0    |
| 11  | Н   | 3   | 46  | MAI     | TRH      | -2.6      | -2.55   | F*0    |
| 11  | Н   | 4   | 46  | MAN     | TRH      | -2.61     | -2.48   | F*0    |
| 11  | Н   | 6   | 46  | MAN     | TRH      | -2.6      | -2.53   | F*0    |
| 11  | Н   | 7   | 46  | MAN     | TRH      | -2.54     | -2.44   | F*0    |
| 11  | Н   | 9   | 46  | SAI     | TRH      | -2.52     | -2.46   | F*0    |
| 11  | Н   | 11  | 46  | SAN     | TRH      | -2.51     | -2.42   | F*0    |
| 11  | Н   | 17  | 46  | MAI     | TRH      | -2.4      | -2.23   | F*0    |
| 11  | Н   | 20  | 46  | MAI     | TRH      | -2.22     | -2.11   | F*0    |
| 11  | Н   | 21  | 46  | MAN     | TRH      | -2.76     | -2.54   | F*0    |
| 11  | Н   | 1   | 47  | SAI     | TRH      | -2.57     | -2.51   | F*0    |

| 11  | Н   | 5   | 47  | SAI     | TRH      | -2.47     | -2.41   | F*0    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 6   | 47  | SAI     | TRH      | -2.5      | -2.41   | F*0    |
| 11  | Н   | 8   | 47  | SAI     | TRH      | -2.58     | -2.49   | F*0    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11  | Н   | 17  | 47  | MAI     | TRH      | -2.51     | -2.36   | F*0    |
| 11  | Н   | 19  | 47  | SAN     | TRH      | -2.48     | -2.41   | F*0    |
| 11  | Н   | 22  | 47  | SAN     | TRH      | -2.72     | -2.56   | F*0    |
| 11  | Н   | 1   | 48  | MAN     | TRH      | -2.51     | -2.27   | F*0    |
| 11  | Н   | 1   | 49  | SAN     | TRH      | -2.43     | -2.33   | F*0    |
| 11  | Н   | 2   | 49  | MAN     | TRH      | -2.59     | -2.42   | F*0    |
| 11  | Н   | 1   | 50  | MAN     | TRH      | -2.73     | -2.59   | F*0    |
| 11  | Н   | 1   | 51  | SAN     | TRH      | -2.42     | -2.2    | F*0    |
| 11  | Н   | 1   | 52  | MAN     | TRH      | -2.43     | -2.24   | F*0    |
| 11  | Н   | 1   | 54  | MAN     | TRH      | -2.4      | -2.31   | F*0    |
| 11  | Н   | 1   | 55  | SAI     | TRH      | -2.79     | -2.4    | F*0    |
| 11  | Н   | 2   | 55  | SAI     | TRH      | -2.57     | -2.44   | F*0    |
| 11  | Н   | 5   | 55  | MAN     | TRH      | -2.77     | -2.63   | F*0    |
| 11  | Н   | 1   | 56  | SAI     | TRH      | -2.84     | -2.54   | F*0    |
| 11  | Ή   | 1   | 57  | SAN     | TRH      | -2.68     | -2.57   | F*0    |
| 11  | H   | 2   | 57  | SAI     | TRH      | -2.39     | -2.32   | F*0    |
| 11  | Η   | 1   | 58  | SAN     | TRH      | -2.83     | -2.72   | F*0    |
| 11  | Н   | 19  | 58  | SAI     | TRH      | -2.45     | -2.4    | F*0    |
| 11  | Н   | 1   | 59  | SAN     | TRH      | -2.81     | -2.69   | F*0    |
| 11  | Н   | 1   | 60  | SAN     | TRH      | -2.74     | -2.67   | F*0    |
| 11  | Н   | 4   | 60  | SAN     | TRH      | -2.46     | -2.39   | F*0    |
| 11  | Н   | 19  | 60  | MAN     | TRH      | -2.45     | -2.29   | F*0    |
| 11  | Н   | 2   | 62  | SAN     | TRH      | -2.49     | -2.33   | F*0    |
| 11  | Н   | 11  | 64  | SAN     | TRH      | -2.59     | -2.52   | F*0    |
| 11  | H   | 1   | 67  | MAI     | TRH      | -2.67     | -2.52   | F*0    |
| 11  | Н   | 1   | 68  | SAN     | TRH      | -2.74     | -2.61   | F*0    |
| 11  | Н   | 1   | 70  | MAN     | TRH      | -2.51     | -2.39   | F*0    |
| 11  | Н   | 1   | 71  | SAN     | TRH      | -2.49     | -2.38   | F*0    |
| 11  | Н   | 1   | 72  | SAN     | TRH      | -2.63     | -2.53   | F*0    |
| 11  | Н   | 1   | 73  | SAN     | TRH      | -2.54     | -2.44   | F*0    |
| 11  | H   | 1   | 74  | SAN     | TRH      | -2.71     | -2.64   | F*0    |
| 11  | H   | 1   | 75  | SAN     | TRH      | -2.53     | -2.43   | F*0    |
| 11  | H   | 1   | 76  | SAN     | TRH      | -2.66     | -2.43   | F*0    |
| 11  | H   | 1   | 78  | SAN     | TRH      | -2.64     | -2.44   | F*0    |
| 11  | Н   | 1   | 87  | SAN     | TRH      | -2.67     | -2.47   | F*0    |
| 12  | H   | 27  | 10  | SAN     | TRH      | -2.53     | -2.47   | F*0    |
| 12  | H   | 25  | 68  | SAI     | TRH      | -2.64     | -2.48   | F*0    |
| 12  | Н   | 10  | 88  | SCI     | TRH      | -2.25     | -2.16   | F*0    |

TABLE VI F\*1 Tubes

S/G LEG ROW COL PERCENT LOCATION ELEV FROM ELEV TO STATUS

| 11  | Н   | 18  | 7   | SVI     | 1BH      | -2.81     | -2.49   | F*1    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 19  | 17  | SAD     | 1BH      | -1.22     | 0       | F*1    |
| 11  | Н   | 23  | 17  | SAN     | 1BH      | -2.25     | -2.01   | F*1    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11  | Н   | 8   | 27  | SAD     | 1BH      | -1.12     | 0       | F*1    |
| 11  | Н   | 34  | 28  | SAD     | 1BH      | -1.12     | 0       | F*1    |
| 11  | Н   | 26  | 35  | SAD     | 1BH      | -1.26     | 0       | F*1    |
| 11  | Н   | 30  | 46  | SAD     | 1BH      | -1.02     | 0       | F*1    |
| 11  | Н   | 12  | 51  | SAD     | 1BH      | -1.14     | 0       | F*1    |
| 11  | Н   | 5   | 56  | SAN     | 1BH      | -1.34     | -1.26   | F*1    |
| 11  | Н   | 5   | 57  | SAD     | 1BH      | -1.07     | 0       | F*1    |
| 11  | Н   | 11  | 58  | SAN     | 1BH      | -1.1      | -0.99   | F*1    |
| 11  | Н   | 12  | 63  | SAD     | 1BH      | -1.23     | 0       | F*1    |
| 11  | Н   | 11  | 65  | MAN     | 1BH      | -1.28     | -1.23   | F*1    |
| 11  | Н   | 6   | 72  | MAN     | 1BH      | -1.4      | -1.18   | F*1    |
| 11  | Н   | 8   | 78  | MAN     | 1BH      | -3.04     | -2.5    | F*1    |
| 12  | Н   | 34  | 31  | MAN     | 1BH      | -1.19     | -1.05   | F*1    |
| 12  | Н   | 31  | 46  | SAN     | 1BH      | -1.19     | -1.05   | F*1    |
| 12  | Н   | 31  | 47  | MAD     | 1BH      | -1        | 0       | F*1    |
| 12  | Н   | 32  | 47  | MAD     | 1BH      | -0.81     | 0       | F*1    |
| 12  | Н   | 4   | 71  | MAN     | 1BH      | -1.96     | -1.76   | F*1    |

TABLE VII F\*2 Tubes

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 22  | 35  | SAN     | 2BH      | -1.44     | -1.27   | F*2    |
| 11  | Н   | 2   | 51  | MAI     | 2BH      | -2.63     | -0.1    | F*2    |
| 11  | Н   | 9   | 67  | MAN     | 2BH      | -2.5      | -1.57   | F*2    |

TABLE VIII EF\* Tubes

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM      | ELEV TO | STATUS |
|-----|-----|-----|-----|---------|----------|----------------|---------|--------|
| 11  | Н   | 9   | 26  | SAN     | EBH      | -13.46         | -13.36  | EF*    |
| 11  | Н   | 13  | 29  | SAN     | EBH      | -13.69         | -13.58  | EF*    |
| 11  | Н   | 7   | 31  | SAN     | EBH      | <i>-</i> 13.72 | -13.65  | EF*    |
| 11  | Н   | 14  | 32  | SAN     | EBH      | -13.02         | -12.98  | EF*    |
| 11  | Н   | 10  | 33  | MAN     | EBH      | -13.31         | -13.13  | EF*    |
| 11  | Н   | 14  | 34  | SAN     | EBH      | -13.76         | -13.71  | EF*    |
| 11  | Н   | 4   | 40  | SAN     | EBH      | -13.52         | -13.48  | EF*    |
| 11  | Н   | 10  | 40  | SCI     | EBH      | -14.65         | -14.4   | EF*    |
| 11  | Н   | 17  | 45  | SAN     | EBH      | -12.41         | -10.41  | EF*    |
| 11  | Н   | 9   | 47  | MAN     | EBH      | -12.45         | -9.96   | EF*    |
| 11  | Н   | 16  | 48  | MAN     | EBH      | -12.8          | -9.14   | EF*    |
| 11  | Н   | 16  | 50  | SAN     | EBH      | -11.16         | -10.08  | EF*    |

| 11  | Н   | 12  | 53  | SAN     | EBH      | -9.05     | -8.87   | EF*    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 11  | Н   | 20  | 53  | SVI     | EBH      | -12.89    | -12.79  | EF*    |
| 11  | Н   | 12  | 60  | SAN     | EBH      | -13.59    | -13.42  | EF*    |
| 11  | Н   | 14  | 64  | SAN     | EBH      | -9.02     | -8.84   | EF*    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 11  | Н   | 13  | 71  | SAN     | EBH      | -10.49    | -10.09  | EF*    |
| 11  | Н   | 7   | 87  | SAN     | EBH      | -13.45    | -13.32  | EF*    |

TABLE IX
Tubes Sleeved 01/01 outage

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 12  | Н   | 9   | 6   | SAI     | TRH      | 2.36      | 6.46    | SLV    |
| 12  | Н   | 10  | 8   | MAI     | TRH      | 1.84      | 4.34    | SLV    |
| 12  | Н   | 19  | 10  | SAI     | TRH      | 1.63      | 3.84    | SLV    |
| 12  | Н   | 17  | 11  | SAI     | TRH      | 0.12      | 0.19    | SLV    |
| 12  | Н   | 18  | 11  | SAI     | TRH      | 7.16      | 7.7     | SLV    |
| 12  | Н   | 4   | 13  | SAI     | TRH      | 1.01      | 7.58    | SLV    |
| 12  | Н   | 10  | 14  | SAI     | TRH      | 0.4       | 1.16    | SLV    |
| 12  | Н   | 16  | 14  | MAI     | TRH      | 0.03      | 0.19    | SLV    |
| 12  | Н   | 11  | 15  | SAI     | TRH      | 0.1       | 0.2     | SLV    |
| 12  | Н   | 19  | 17  | MAI     | TRH      | 0.09      | 0.16    | SLV    |
| 12  | Н   | 16  | 18  | SAI     | TRH      | 0.05      | 0.17    | SLV    |
| 12  | Н   | 9   | 19  | SAI     | TRH      | 0.04      | 0.18    | SLV    |
| 12  | Н   | 20  | 19  | SAI     | TRH      | 0.68      | 0.81    | SLV    |
| 12  | Н   | 20  | 22  | MAI     | TRH      | 0.05      | 0.17    | SLV    |
| 12  | Н   | 23  | 22  | SAI     | TRH      | 0.06      | 0.17    | SLV    |
| 12  | Н   | 20  | 23  | SAI     | TRH      | 0.05      | 0.18    | SLV    |
| 12  | Н   | 31  | 23  | MAI     | TRH      | 3.26      | 5.94    | SLV    |
| 12  | Н   | 10  | 25  | MAI     | TRH      | 0.21      | 0.24    | SLV    |
| 12  | Н   | 17  | 25  | MAI     | TRH      | 0.03      | 0.28    | SLV    |
| 12  | Н   | 13  | 26  | SAI     | TRH      | 0.15      | 0.19    | SLV    |
| 12  | Н   | 29  | 26  | MAI     | TRH      | 0.04      | 0.19    | SLV    |
| 12  | Н   | 33  | 27  | SAI     | TRH      | 0.11      | 0.16    | SLV    |
| 12  | Н   | 12  | 28  | SAI     | TRH      | 2.7       | 3.32    | SLV    |
| 12  | Н   | 15  | 28  | MAI     | TRH      | 0.06      | 0.18    | SLV    |
| 12  | Н   | 14  | 29  | SAI     | TRH      | 0.2       | 0.23    | SLV    |
| 12  | Н   | 11  | 30  | MAI     | TRH      | 0.12      | 0.27    | SLV    |
| 12  | Н   | 26  | 30  | MAI     | TRH      | 0.12      | 0.24    | SLV    |
| 12  | Н   | 13  | 33  | SAI     | TRH      | 0.12      | 0.21    | SLV    |
| 12  | Н   | 9   | 34  | SAI     | TRH      | 2.61      | 3.1     | SLV    |
| 12  | Н   | 10  | 34  | SAI     | TRH      | 2.5       | 2.59    | SLV    |
| 12  | Н   | 28  | 34  | SAI     | TRH      | 0.1       | 0.17    | SLV    |
| 12  | Н   | 33  | 34  | SAI     | TRH      | 0.2       | 0.33    | SLV    |
| 12  | Н   | 9   | 35  | SAI     | TRH      | 0.09      | 0.17    | SLV    |
| 12  | Н   | 5   | 38  | SAI     | TRH      | 0.49      | 4.05    | SLV    |
| 12  | Н   | 37  | 38  | SAI     | 1BH      | 1.02      | 1.16    | SLV    |

| 12  | Н   | 2   | 39 | MAI | TRH | 0.06      | 0.16    | SLV    |
|-----|-----|-----|----|-----|-----|-----------|---------|--------|
| 12  | Н   | 16  | 39 | SAI | TRH | 5.13      | 5.28    | SLV    |
| 12  |     | 12  | 40 | SAI | TRH | 0.08      | 0.15    | SLV    |
| 12  | H   | 30  | 40 | SAI | TRH | 0.08      | 0.15    | SLV    |
|     |     |     |    |     |     |           |         | 1      |
| S/G | LEG | ROW |    |     |     | ELEV FROM | ELEV TO | STATUS |
| 12  | Н   | 12  | 44 | MAI | TRH | 0.07      | 0.14    | SLV    |
| 12  | Н   | 15  | 44 | SAI | TRH | 5.6       | 5.82    | SLV    |
| 12  | Н   | 7   | 46 | SAI | TRH | 0.05      | 0.12    | SLV    |
| 12  | H   | 9   | 47 | MAI | TRH | 0.61      | 6.83    | SLV    |
| 12  | Н   | 17  | 50 | MAI | TRH | 0.05      | 0.13    | SLV    |
| 12  | Н   | 20  | 50 | SAI | TRH | 0.12      | 0.24    | SLV    |
| 12  | Н   | 31  | 51 | SAI | TRH | 0         | 0.14    | SLV    |
| 12  | Н   | 33  | 52 | MAI | TRH | 0.11      | 0.26    | SLV    |
| 12  | Н   | 35  | 53 | SAI | TRH | 0.09      | 0.16    | SLV    |
| 12  | Н   | 17  | 54 | SAI | TRH | 0.02      | 0.11    | SLV    |
| 12  | Н   | 31  | 54 | SAI | TRH | 0.19      | 0.25    | SLV    |
| 12  | Н   | 14  | 57 | MAI | TRH | 0.15      | 0.21    | SLV    |
| 12  | Н   | 33  | 57 | MAI | TRH | 0.07      | 0.19    | SLV    |
| 12  | H   | 6   | 58 | SAI | TRH | 0.18      | 0.25    | SLV    |
| 12  | Н   | 12  | 58 | SAI | TRH | 0.12      | 0.21    | SLV    |
| 12  | Н   | 17  | 58 | MAI | TRH | 0.07      | 0.13    | SLV    |
| 12  | Н   | 20  | 58 | MAI | TRH | 0.09      | 0.15    | SLV    |
| 12  | Н   | 23  | 58 | MAI | TRH | 0.02      | 0.07    | SLV    |
| 12  | Н   | 21  | 59 | MAI | TRH | 4.18      | 4.33    | SLV    |
| 12  | Н   | 31  | 59 | SAI | TRH | 0.1       | 0.19    | SLV    |
| 12  | Н   | 26  | 60 | SAI | TRH | 0.1       | 0.16    | SLV    |
| 12  | Н   | 33  | 60 | MAI | TRH | 0.09      | 0.17    | SLV    |
| 12  | Н   | 10  | 61 | SAI | TRH | 0.79      | 0.94    | SLV    |
| 12  | Н   | 31  | 61 | MAI | TRH | 0.12      | 0.23    | SLV    |
| 12  | Н   | 17  | 62 | SAI | TRH | 0.07      | 0.14    | SLV    |
| 12  | Н   | 6   | 64 | SAI | TRH | 0.42      | 5.23    | SLV    |
| 12  | Н   | 36  | 64 | SAI | TRH | 1.37      | 3.44    | SLV    |
| 12  | Н   | 13  | 65 | MAI | TRH | 0.08      | 0.19    | SLV    |
| 12  | Н   | 20  | 65 | MAI | TRH | 0.1       | 0.21    | SLV    |
| 12  | Н   | 24  | 65 | MAI | TRH | 0.09      | 0.18    | SLV    |
| 12  | Н   | 33  | 65 | SAI | TRH | 0.07      | 0.12    | SLV    |
| 12  | Н   | 35  | 65 | SAI | TRH | 0.09      | 0.15    | SLV    |
| 12  | Н   | 25  | 66 | MAI | TRH | 0.08      | 0.16    | SLV    |
| 12  | Н   | 2   | 67 | MAI | TRH | 0.07      | 0.14    | SLV    |
| 12  | Н   | 4   | 68 | SAI | TRH | 0.11      | 0.2     | SLV    |
| 12  | Н   | 16  | 68 | SAI | TRH | 0.13      | 0.22    | SLV    |
| 12  | Н   | 6   | 69 | MAI | TRH | 0.09      | 0.18    | SLV    |
| 12  | H   | 20  | 69 | MAI | TRH | 0.14      | 0.27    | SLV    |
| 12  | Н   | 27  | 69 | SAI | TRH | 0.11      | 0.27    | SLV    |
| 12  | Н   | 6   | 70 | MAI | TRH | 0.06      | 0.14    | SLV    |
| 12  | Н   | 7   | 70 | SAI | TRH | 0.09      | 0.18    | SLV    |
| 12  | H   | 26  | 70 | SAI | TRH | 0.09      | 0.15    | SLV    |
| 12  | Н   | 14  | 71 | MAI | TRH | 0.07      | 0.16    | SLV    |

| 12  | Н   | 27  | 71  | SAI     | TRH      | 0.05      | 0.11    | SLV    |
|-----|-----|-----|-----|---------|----------|-----------|---------|--------|
| 12  | Н   | 31  | 71  | MAI     | TRH      | 0.06      | 0.22    | SLV    |
| 12  | Н   | 14  | 72  | MAI     | TRH      | 0.06      | 0.15    | SLV    |
| 12  | Н   | 17  | 72  | MAI     | TRH      | 0.06      | 0.1     | SLV    |
| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS |
| 12  | Н   | 7   | 73  | MAI     | TRH      | 0.09      | 0.19    | SLV    |
| 12  | Н   | 15  | 74  | MAI     | TRH      | 0.08      | 0.17    | SLV    |
| 12  | Н   | 6   | 75  | SAI     | TRH      | 0.06      | 0.13    | SLV    |
| 12  | Н   | 7   | 76  | SAI     | TRH      | 7.58      | 8.67    | SLV    |
| 12  | Н   | 14  | 76  | SAI     | TRH      | 0.1       | 0.17    | SLV    |
| 12  | Н   | 10  | 77  | SAI     | TRH      | 1.25      | 3.46    | SLV    |
| 12  | Н   | 13  | 77  | SAI     | TRH      | 0.1       | 0.13    | SLV    |
| 12  | Н   | 15  | 77  | MAI     | TRH      | 0.04      | 0.14    | SLV    |
| 12  | Н   | 7   | 78  | SAI     | TRH      | 0.06      | 0.14    | SLV    |
| 12  | Н   | 9   | 78  | SAI     | TRH      | 0.05      | 0.11    | SLV    |
| 12  | Н   | 14  | 78  | MAI     | TRH      | 0.04      | 0.16    | SLV    |
| 12  | Н   | 25  | 78  | SAI     | TRH      | -0.02     | 0.13    | SLV    |
| 12  | Н   | 10  | 79  | MAI     | TRH      | 9.17      | 9.42    | SLV    |
| 12  | Н   | 14  | 80  | MAI     | TRH      | 0.08      | 0.15    | SLV    |
| 12  | Н   | 2   | 81  | SAI     | TRH      | 0.47      | 1.18    | SLV    |
| 12  | Н   | 2   | 82  | SAI     | TRH      | 0.06      | 0.13    | SLV    |
| 12  | Н   | 11  | 82  | SAI     | TRH      | 0.13      | 0.2     | SLV    |
| 12  | Н   | 2   | 83  | SAI     | TRH      | 2.98      | 4.62    | SLV    |
| 12  | Н   | 4   | 83  | SAI     | TRH      | 0.06      | 0.09    | SLV    |
| 12  | Н   | 16  | 85  | SAI     | TRH      | 0.42      | 0.83    | SLV    |
| 12  | Н   | 14  | 86  | MAI     | TRH      | 0.08      | 0.18    | SLV    |

TABLE X
Tubes plugged 01/01 outage

| S/G | LEG | ROW | COL | PERCENT | LOCATION | ELEV FROM | ELEV TO | STATUS           |
|-----|-----|-----|-----|---------|----------|-----------|---------|------------------|
| 11  | В   | 8   | 20  | SVI     | 01H      | -0.21     | -0.02   | PLG <sup>①</sup> |
| 11  | С   | 27  | 21  |         |          |           |         | PLG <sup>®</sup> |
| 11  | В   | 32  | 25  | SVI     | TSH      | 0.06      | 0.44    | PLG <sup>®</sup> |
| 11  | В   | 22  | 29  | SVI     | 01H      | -0.13     | 0.01    | PLG <sup>①</sup> |
| 11  | В   | 4   | 37  | MAI     | EBH      | -0.09     | 0.1     | PLG®             |
| 11  | В   | 14  | 37  | MAI     | EBH      | -0.34     | 0.08    | PLG®             |
| 11  | С   | 32  | 41  |         |          |           |         | PLG <sup>®</sup> |
| 11  | В   | 4   | 44  | MAI     | EBH      | -0.42     | 0.04    | PLG®             |
| 11  | В   | 18  | 44  | MAI     | EBH      | -0.24     | 2.41    | PLG®             |
| 11  | В   | 41  | 48  | 45      | NV2      | 0         | 0       | PLG@             |
| 11  | В   | 8   | 50  | SAI     | EBH      | -0.39     | 0.12    | PLG3             |
| 11  | В   | 17  | 51  | MAI     | EBH      | -0.21     | 0.2     | PLG®             |
| 11  | В   | 18  | 51  | MAI     | EBH      | 0.06      | 1.06    | PLG®             |
| 11  | В   | 5   | 54  | MAI     | EBH      | -0.29     | 0.17    | PLG3             |
| 11  | В   | 8   | 57  | SAI     | EBH      | -0.46     | 0.17    | PLG®             |
| 11  | В   | 8   | 66  | MAI     | EBH      | -0.17     | 0.06    | PLG3             |

| 11  | В   | 6   | 74  | MAI     | EBH      | -0.39     | 0.02    | PLG3             |
|-----|-----|-----|-----|---------|----------|-----------|---------|------------------|
| 11  | В   | 25  | 87  | IVIAI   | LDIT     | -0.59     | 0.02    | PLG <sup>®</sup> |
| 12  | В   | 23  | 7   | TBP     |          |           |         | PLG®             |
| 12  | В   | 10  | 9   | TBP     |          |           |         | PLG®®            |
|     |     | ROW |     |         | LOCATION | ELEV FROM | ELEV TO | STATUS           |
| S/G | LEG |     | COL | PERCENT | LOCATION | ELEV FROM | ELEV 10 |                  |
| 12  | С   | 19  | 11  |         |          |           | 2.47    | PLG®             |
| 12  | В   | 28  | 17  | MAI     | TRH      | 0.06      | 0.17    | PLG®             |
| 12  | С   | 6   | 18  |         |          |           |         | PLG@             |
| 12  | C   | 4   | 19  |         |          |           |         | PLG <sup>®</sup> |
| 12  | В   | 27  | 19  | TBP     |          |           |         | PLG®             |
| 12  | В   | 31  | 19  | SAI     | TRH      | 1.22      | 2.15    | PLG <sup>①</sup> |
| 12  | В   | 22  | 20  | SVI     | TSH      | 46.66     | 47.14   | PLG®®            |
| 12  | В   | 23  | 20  | SVI     | TSH      | 46.56     | 47.05   | PLG®®            |
| 12  | В   | 2   | 21  |         |          |           |         | PLG <sup>®</sup> |
| 12  | В   | 22  | 21  | SVI     | TSH      | 46.24     | 46.97   | PLG®®            |
| 12  | C   | 23  | 21  |         |          |           |         | PLG <sup>②</sup> |
| 12  | В   | 27  | 22  | TBP     |          |           |         | PLG®             |
| 12  | В   | 33  | 22  | SAI     | TRH      | 0.07      | 0.16    | PLG <sub>①</sub> |
| 12  | В   | 20  | 26  | TBP     |          |           |         | PLG®             |
| 12  | В   | 1   | 29  |         |          |           |         | PLG@             |
| 12  | C   | 16  | 33  |         |          |           |         | PLG <sup>®</sup> |
| 12  | В   | 1   | 39  |         |          |           |         | PLG <sup>®</sup> |
| 12  | В   | 1   | 40  | MAI     | TRH      | 0.07      | 0.17    | PLG <sup>①</sup> |
| 12  | С   | 1   | 41  |         |          |           |         | PLG@             |
| 12  | С   | 5   | 48  |         |          |           |         | PLG <sup>®</sup> |
| 12  | С   | 8   | 48  |         |          |           |         | PLG2             |
| 12  | В   | 1   | 52  | SCI     | 07H      | 7.78      | 8.15    | PLG®             |
| 12  | С   | 7   | 52  |         |          |           |         | PLG2             |
| 12  | В   | 30  | 52  | SVI     | TSH      | 47.09     | 47.29   | PLG®             |
| 12  | В   | 28  | 53  | SVI     | TSH      | 47.08     | 47.54   | PLG®             |
| 12  | С   | 29  | 53  |         |          |           |         | PLG <sup>®</sup> |
| 12  | В   | 30  | 53  | SVI     | TSH      | 47.26     | 47.52   | PLG®             |
| 12  | В   | 11  | 54  | MAI     | TRH      | 0.1       | 0.19    | PLG <sup>①</sup> |
| 12  | В   | 29  | 54  | SVI     | TSH      | 47.09     | 47.47   | PLG®             |
| 12  | В   | 30  | 54  | SVI     | TSH      | 47.35     | 47.62   | PLG®             |
| 12  | С   | 9   | 57  |         |          |           |         | PLG2             |
| 12  | С   | 7   | 63  |         |          |           |         | PLG <sub>2</sub> |
| 12  | В   | 43  | 64  | SVI     | 01H      | -0.1      | 0.05    | PLG <sup>①</sup> |
| 12  | Н   | 2   | 70  |         |          |           |         | PLG2             |
| 12  | С   | 5   | 74  |         |          |           |         | PLG2             |
| 12  | В   | 19  | 74  | TBP     |          |           |         | PLG®             |
| 12  | В   | 23  | 77  | TBP     |          |           |         | PLG®             |
| 12  | В   | 6   | 78  | TBP     |          |           |         | PLG®             |
| 12  | В   | 20  | 78  | TBP     |          |           |         | PLG®             |
| 12  | В   | 1   | 79  | SAI     | TRH      | 5.79      | 6.16    | PLG <sub>①</sub> |
| 12  | В   | 13  | 79  | TBP     |          |           |         | PLG®             |
| 12  | В   | 16  | 80  | TBP     |          |           |         | PLG®             |
| 12  | В   | 30  | 81  | SVI     | 01C      | 0.25      | 0.37    | PLG <sup>①</sup> |

|    |   |   |    |     | <br> |      |  |
|----|---|---|----|-----|------|------|--|
| 12 | В | 3 | 84 | TBP |      | PLG® |  |

- ① No qualified sizing technique or ARC available (includes sleeve channel head restrictions)
- ② Removed and replaced mechanical plugs on previously breached tubes
- 3 Failed elevated reroll
- Exceeded Technical Specification repair depth
- ⑤ Failed sleeve weld during installation
- ® In-situ pressure tested
- MDM cut from 4/99 sleeve pulls

TABLE XI
Total tubes plugged and sleeved to date (03/01)

| S/G | SLEEVED | % SLEEVED | PLUGGED | % PLUGGED | EQUIVALENT % PLUG |
|-----|---------|-----------|---------|-----------|-------------------|
| 11  | 0       | 0         | 171     | 5.05      | 5.05              |
| 12  | 1076    | 31.76     | 377     | 11.13     | 12.26             |

#### LEGEND OF FIELDS AND CODES

| FIELD<br>S/G<br>LEG<br>ROW<br>COL<br>PERCENT<br>LOCATION<br>ELEV FROM<br>ELEV TO<br>STATUS | EXPLANATION  Steam Generator Number (11 or 12)  Channel head tested from (H = inlet & C = outlet)  Row number of tube location  Column number of tube location  Measured percent or three digit code - see below  Physical Location of Indication - see below  Lowest elevation of indication or centerline of indication  Highest elevation of indication  Repair status - see below |   |  |  |  |  |
|--|---|---|--|--|--|--|
| FIELD  | CODE  | EXPLANATION   |  |  |  |  |
| PERCENT  | DSI<br>MAD<br>MAI<br>MAN<br>SAD<br>SAI<br>SAN<br>SCI<br>SVI<br>TBP  | Distorted Support Plate Indication Multiple Axial Indication Not Detectable Multiple Axial Indication Multiple Axial Indication - No Change Single Axial Indication Not Detectable Single Axial Indication Single Axial Indication - No Change Single Circumferential Indication Single Volumetric Indication To Be Plugged (failed welds)  |  |  |  |  |
| LOCATION   | TEH TRH 1BH 2BH EBH TSH WCH 0?H NV? 0?C TSC TRC TEC   | Tube end hot (primary face) Top of roll expansion hot leg Bottom of Additional roll expansion #1 hot leg Bottom of Additional roll expansion #2 hot leg Bottom of Elevated roll expansion hot leg Tube sheet hot (secondary face) Weld Centerline hot leg ? = First through Seventh tube support plate on hot leg side ? = First through Forth new antivibration bar ? = First through Seventh tube support plate on cold leg side Tube sheet cold (secondary face) Top of roll expansion cold leg Tube end cold (primary face) |  |  |  |  |
| STATUS   | <ts<br>ARC<br/>F*0<br/>F*1<br/>F*2<br/>EF*<br/>SLV<br/>PLG</ts<br>  | Less Than the Technical Specification repair limit Alternate tube support plate Repair Criteria Tube meets F* criteria with no additional roll expansion Tube meets F* criteria with one additional roll expansion Tube meets F* criteria with two additional roll expansions Tube meets EF* criteria with one elevated additional roll expansion Tube Sleeved Tube Plugged   |  |  |  |  |

## NORTHERN STATES POWER INSERVICE INSPECTION

### SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

#### APPENDIX D

#### LIST OF SNUBBER INSERVICE TESTING

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Table 3, 2001 Unit 1 Outage Snubber Functional Testing Results

|          |              |            |                    | TS/NON   | PI#          | PI#          |                    | Test       |
|----------|--------------|------------|--------------------|----------|--------------|--------------|--------------------|------------|
| ategory  | Location     | Size/Mfr.  | System             | TS       | Removed      | Replaced     | Test WO#           | Results    |
|          | 1-SIRH-23B   | 2 X 5      | SI                 | TS       | 149          | 149          | 0007100            | Sat        |
| *        | 1-RCRH-19    | 1 1/2 X 10 | RC                 | TS       | 533          | 212          | 0012882            | Sat        |
| \$       | 1-AFWH-84    | 1 1/2 X 5  | AF                 | TS       | 369          | 90           | 0012882            | Sat        |
| *        | 1-CCH-318    | 1 1/2 X 5  | CC                 | TS       | 287          | 80           | 0012882            | Sat        |
| \$       | 1-CCH-319    | 1 1/2 X 5  | CC                 | TS       | 365          | 284          | 0012882            | Sat        |
| *        | 1-CCH-320    | 1 1/2 X 5  | CC                 | TS       | 385          | 200          | 0012882            | Sat        |
| \$       | 1-CCH-349    | 1 1/2 X 5  | CC                 | TS       | 247          | 238          | 0012882            | Sat        |
| *        | 1-CCH-350    | 1 1/2 X 5  | CC                 | TS       | 195          | 418          | 0012882            | Sat        |
| \$       | 1-CCH-354    | 1 1/2 X 5  | CC                 | TS       | 66           | 446          | 0012882            | Sat        |
| *        | 1-CCH-377    | 1 1/2 X 5  | CC                 | TS       | 439          | 416          | 0012882            | Sat        |
| \$       | 1-CCH-378    | 1 1/2 X 5  | CC                 | TS       | 159          | 292          | 0012882            | Sat        |
| *        | 1-RCRH-12A   | 1 1/2 X 5  | RC                 | TS       | 141          | 32           | 0012882            | Sat        |
| #*       | 1-SIRH-11    | 1 1/2 X 5  | SI                 | TS       | 57           | 104          | 0012882            | Sat        |
| \$       | 1-SIRH-17    | 1 1/2 X 5  | SI                 | TS       | 97           | 355          | 0012882            | Sat        |
| *        | 1-SIRH-18    | 1 1/2 X 5  | SI                 | TS       | 93           | 433          | 0012882            | Sat        |
| \$       | 1-SIRH-22    | 1 1/2 X 5  | SI                 | TS       | 237          | 31           | 0012882            | Sat        |
| *        | 1-SIRH-26    | 1 1/2 X 5  | SI                 | TS       | 218          | 132          | 0012882            | Sat        |
| \$       | 1-SIRH-9     | 1 1/2 X 5  | SI                 | TS       | 291          | 197          | 0012882            | Sat        |
| *        | 1-CWRH-81    | 1 X 5      | CL                 | TS       | 512          | 133          | 0012882            | Sat        |
| \$       | 1-RPCH-159   | 1 X 5      | RC                 | TS       | 604          | 579          | 0012882            | Sat        |
| #*       | 1-MSDH-26A   | 2 1/2 X 5  | MS                 | TS       | 499          | 8            | 0012882            | Sat        |
| #*       | 1-MSDH-26B   | 2 1/2 X 5  | MS                 | TS       | 153          | 2            | 0012882            | Sat        |
| _ \$     | 1-RCSH-81    | 2 X 10     | CS                 | TS       | 213          | 51           | 0012882            | Sat        |
| *        | 1-RCRH-16A   | 2 X 5      | RC                 | TS       | 394          | 270          | 0012882            | Sat        |
| \$       | 1-MSH-107A   | 3 1/4 X 5  | MS                 | TS       | 537          | 540          | 0012882            | Sat        |
| *        | 1-MSH-107B   | 3 1/4 X 5  | MS                 | TS       | 470          | 507          | 0012882            | Sat        |
| *        | 1-RBDH-600   | 3/4 X 5    | SB                 | TS       | 185          | 156          | 0012882            | Sat        |
| *        | 1-RBDH-601   | 3/4 X 5    | SB                 | TS       | 324          | 320          | 0012882            | Unsat      |
| \$       | 1-RCVCH-1283 | 3/4 X 5    | VC                 | TS       | 521          | 316          | 0012882            | Sat        |
| *        | 1-MSH-67A    | 4 X 5      | MS                 | TS       | 545<br>550   | 546          | 0012882            | Sat        |
| \$       | 1-MSH-69A    | 5 X 5      | MS                 | TS       | 552          | 360<br>577   | 0012882            | Sat        |
| \$       | 1-CWRH-82    | 1 X 5      | CL                 | TS       | 412          | 577<br>420   | 0100630            | Sat        |
| \$       | 1-RCVCH-1284 | 3/4 X 5    | VC                 | TS       | 402<br>109   | 139<br>266   | 0100631<br>0100632 | Sat<br>Sat |
| \$       | 1-RCVCH-1285 | 3/4 X 5    | VC                 | TS       |              |              |                    |            |
| \$       | 1-RCVCH-917  | 3/4 X 5    | VC                 | TS       | 180<br>567   | 453<br>7924  | 0100633            | Sat<br>Sat |
| #*<br>#* | 1-RCRH-48B   | 4 X 5 ITT  | RC<br>MS           | TS<br>TS | 567          | 7924<br>515  | 0012882<br>0007064 | Sat<br>Sat |
| #*<br>*  | 1-MSH-48B    | PM2300     | MS<br>11S/G03      |          | 515<br>SG10  | SG10         | 0007064            | Unsat      |
|          | SG10         | SG valve   | 115/G03<br>12S/G03 |          | SG10<br>SG16 | SG10<br>SG16 | 0007098            | Sat        |
| \$       | SG16         | SG valve   | 123/603            | 13       | 3010         | 3010         | 0001031            | Jai        |

Asterisks (\*) indicate that the snubber is part of the initial 10% plan for its respective type.

Dollar signs (\$) indicate that the snubber was scheduled to be part of the first 10% plan expansion for its type, if required. ound signs (#) indicate that the snubber is included in the category described by TS.4.13.C sections a,b and c.

## NORTHERN STATES POWER INSERVICE INSPECTION

#### SUMMARY REPORT PRAIRIE ISLAND UNIT 1, 2001

#### APPENDIX E

#### **CLASS MC INSPECTION SUMMARY**

1 Page

This section will convey the Class MC components examined, the examination number and summarizes the examination results performed as part of the 21<sup>st</sup> Prairie Island Nuclear Generation Plant Unit 1 refueling outage. The 1<sup>st</sup> interval, September 9, 1996 to May 8, 2008 is based on the examination requirements of the ASME Boiler and Pressure Vessel Code Section XI, 1992 Edition with the 1992 Addenda, Subsection IWE and 10CFR 50.55a dated Tuesday, September 30, 1997.

Many inaccessible areas were documented as part of this 1<sup>st</sup> period inspection. We have no reason to believe that any degradation exists. This has been supported by the inspection of the metal liner behind the concrete of Sump B during the 1998 and 2000 Unit 2 refueling outages.

Modifications (99ZC01) of the Maintenance and Personnel Airlocks were performed to replace the handwheel shaft seal assemblies. The pressure retaining bolted connections were examined while disassembled. Volumetric Leakage Rate Tests were performed prior to and proceeding the work completed on both airlocks:

|                     | <u>Pre-Test</u> | <u>Post-Test</u> |
|---------------------|-----------------|------------------|
| Maintenance Airlock | 7562.5 scc/min  | 34.8 scc/min     |
| Personnel Airlock   | 6750 scc/min    | 24.9 scc/min     |

100% of the General Visual examination of the Accessible Surfaces on both the Annulus and Containment sides were completed per Work Order 0010825. Plates and penetrations showing indications were evaluated as in compliance per Condition Report 20011787.