November 9, 1995

Mr. Roger O. Anderson, Director Licensing and Management Issues Northern States Power Company 414 Nicollet Mall Minneapolis, Minnesota 55401

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NOS. 1 AND 2 -ISSUANCE OF AMENDMENTS RE: POST-ACCIDENT MONITORING TECHNICAL SPECIFICATIONS (TAC NOS. M91336 AND M91337)

Dear Mr. Anderson:

The Commission has issued the enclosed Amendment No. 121 to Facility Operating License No. DPR-42 and Amendment No. 114 to Facility Operating License No. DPR-60 for the Prairie Island Nuclear Generating Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications (TS) in response to your application dated January 10, 1995, as supplemented August 9 and September 20, 1995.

The amendments incorporate Limiting Condition for Operation (LCO) requirements from NUREG-1431, "Standard Technical Specifications (STS) for Westinghouse Plants," dated September 1992, into the plant TS Section 3.15, Event Monitoring Instrumentation. The amendments also make necessary changes in Table 4.1-1C, Miscellaneous Instrumentation Surveillance Requirements, and BASES 3.15, Event Monitoring Instrumentation, to reflect TS Section 3.15 changes.

A copy of our related Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's biweekly <u>Federal Register</u> notice.

Sincerely,

Original signed by

Beth A. Wetzel, Project Manager Project Directorate III-1 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

And the second second second

Docket Nos. 50-282 and 50-306

Enclosures:

- 1. Amendment No. 121 to DPR-42
- 2. Amendment No. 114 to DPR-60
- 3. Safety Evaluation

cc w/encl: See next page

DOCUMENT NAME: G:\WPDOCS\PI91336.AMD To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

| NAME CJamerson C BWetzel:db fill (Marco BHolian | FICE LA:PD31 | E LA:PD31 E PM:PD31 | E) OGC | (A)D:PD31 |
|---|--------------|------------------------|-------------|-----------------|
| DATE 10/05/05 / 10/2/05 / 10/30/95 | ME CJamerson | CJamerson C BWetzel:db | an C, Marco | BHolian BHolian |
| DATE 10/25/95 // 10/29/95 | TE 10/25/95 | 10/25/95 // 10/25/95 | 10/30/95 | 11/9/95 |

OFFICIAL RECORD COPY

Mr. Roger O. Anderson, Director Northern States Power Company Prairie Island Nuclear Generating Plant

cc:

21

J. E. Silberg, Esquire Shaw, Pittman, Potts and Trowbridge 2300 N Street, N. W. Washington DC 20037

Site General Manager Prairie Island Nuclear Generating Plant Northern States Power Company 1717 Wakonade Drive East Welch, Minnesota 55089

Adonis A. Neblett Assistant Attorney General Office of the Attorney General 455 Minnesota Street Suite 900 St. Paul, Minnesota 55101-2127

U.S. Nuclear Regulatory Commission Resident Inspector's Office 1719 Wakonade Drive East Welch, Minnesota 55089-9642

Regional Administrator, Region III U.S. Nuclear Regulatory Commission 801 Warrenville Road Lisle, Illinois 60532-4351

Mr. Jeff Cole, Auditor/Treasurer Goodhue County Courthouse Box 408 Red Wing, Minnesota 55066-0408

Kris Sanda, Commissioner Department of Public Service 121 Seventh Place East Suite 200 St. Paul, Minnesota 55101-2145

Site Licensing Prairie Island Nuclear Generating Plant Northern States Power Company 1717 Wakonade Drive East Welch, Minnesota 55089 DATED: November 9, 1995

r .

AMENDMENT NO. 121 TO FACILITY OPERATING LICENSE NO. DPR-42-PRAIRIE ISLAND UNIT 1 AMENDMENT NO. 114 TO FACILITY OPERATING LICENSE NO. DPR-60-PRAIRIE ISLAND UNIT 2 Docket File PUBLIC PDIII-1 Reading J. Roe

C. Jamerson B. Wetzel (2) OGC-WF G. Hill (4) C. Grimes, O-11F23 B. Marcus ACRS M. Jordan, RIII SEDB

cc: Plant Service list

100050



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-282

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 121 License No. DPR-42

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Northern States Power Company (the licensee) dated January 10, 1995, as supplemented August 9, and September 20, 1995, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
- Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-42 is hereby amended to read as follows:

9511170048 951109 PDR ADOCK 05000282 P PDR

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 121, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of issuance, with full implementation within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

keth a. Weitzel

Beth A. Wetzel, Project Manager Project Directorate III-1 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

. -

Date of Issuance: November 9, 1995

ATTACHMENT TO LICENSE AMENDMENT NO. 121

-

...

FACILITY OPERATING LICENSE NO. DPR-42

DOCKET NO. 50-282

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change.

| <u>REMOVE</u> | INSERT |
|--------------------------|--------------------------|
| TS iv | TS iv |
| TS xii | TS xii |
| TS 3.15-1 | TS 3.15-1 |
| TS 3.15-2 | |
| Table 3.15-1 | Table 3.15-1 (p. 1 of 2) |
| | Table 3.15-1 (p. 2 of 2) |
| Table 3.15-2 | |
| Table 3.15-3 | |
| Table 4.1-1C (p. 2 of 4) | Table 4.1-1C (p. 2 of 4) |
| Table 4.1-1C (p. 3 of 4) | Table 4.1-1C (p. 3 of 4) |
| Table 4.1-1C (p. 4 of 4) | Table 4.1-1C (p. 4 of 4) |
| Bases 3.15-1 | Bases 3.15-1 |

TS-iv

TABLE OF CONTENTS (Continued)

TS SECTION

~

TITLE

PAGE

| 3.10 | Control Ro | TS.3.10-1 | |
|------|---|--|-----------|
| | A. | TS.3.10-1 | |
| | B. Power Distribution LimitsC. Quadrant Power Tilt Ratio | | TS.3.10-1 |
| | | | TS.3.10-4 |
| | D. | Rod Insertion Limits | TS.3.10-5 |
| | Ε. | Rod Misalignment Limitations | TS.3.10-6 |
| | F. | Inoperable Rod Position Indicator Channels | TS.3.10-6 |
| | G. Control Rod Operability Limitations | | TS.3.10-7 |
| | Н. | Rod Drop Time | TS.3.10-7 |
| | I. Monitor Inoperability Requirements | | TS.3.10-8 |
| | J. | DNB Parameters | TS.3.10-8 |
| 3.11 | Core Surve | illance Instrumentation | TS.3.11-1 |
| 3.12 | Snubbers | | TS.3.12-1 |
| 3.13 | Control Room Air Treatment System | | TS.3.13-1 |
| | A. | Control Room Special Ventilation System | TS.3.13-1 |
| 3.14 | Deleted | | |
| 3.15 | Event Monit | toring Instrumentation | TS.3.15-1 |

TECHNICAL SPECIFICATIONS

LIST OF TABLES

TS TABLE

- - -

. .

TITLE

| 1-1 | Operational Modes |
|--------|--|
| 3.5-1 | Engineered Safety Features Initiation Instrument Limiting |
| | Set Points |
| 3.5-2A | Reactor Trip System Instrumentation |
| 3.5-2B | Engineered Safety Feature Actuation System Instrumentation |
| 3.9-1 | Radioactive Liquid Effluent Monitoring Instrumentation |
| 3.9-2 | Radioactive Gaseous Effluent Monitoring Instrumentation |
| 3.15-1 | Event Monitoring Instrumentation |
| 4.1-1A | Reactor Trip System Instrumentation Surveillance Requirements |
| 4.1-1B | Engineered Safety Feature Actuation System Instrumentation |
| | Surveillance Requirements |
| 4.1-1C | Miscellaneous Instrumentation Surveillance Requirements |
| 4.1-2A | Minimum Frequencies for Equipment Tests |
| 4.1-2B | Minimum Frequencies for Sampling Tests |
| 4.2-1 | Special Inservice Inspection Requirements |
| 4.10-1 | Radiation Environmental Monitoring Program (REMP)Sample |
| | Collection and Analysis |
| 4.10-2 | RFMP - Maximum Values for the Lower Limits of Detection |
| 4.10-3 | RFMP - Reporting Levels for Radioactivity Concentrations in |
| | Environmental Samples |
| 4.12-1 | Steam Generator Tube Inspection |
| 4.13-1 | Snubber Visual Inspection Interval |
| 4.17-1 | Radioactive Liquid Effluent Monitoring Instrumentation |
| | Surveillance Requirements |
| 4.17-2 | Radioactive Gaseous Effluent Monitoring Instrumentation |
| | Surveillance Requirements |
| 4.17-3 | Radioactive Liquid Waste Sampling and Analysis Program |
| 4.17-4 | Radioactive Gaseous Waste Sampling and Analysis Program |
| 5.5-1 | Anticipated Annual Release of Radioactive Material in Liquid |
| | Effluents From Prairie Island Nuclear Generating Plant (Per Unit) |
| 5.5-2 | Anticipated Annual Release of Radioactive Nuclides in |
| | Gaseous Effluent From Prairie Island Nuclear Generating |
| | Plant (Per Unit) |
| 6.1-1 | Minimum Shift Crew Composition |

Prairie Island Unit 1 Prairie Island Unit 2 Amendment No. 111, 120, 121 Amendment No. 104, 113, 114 3.15 EVENT MONITORING INSTRUMENTATION

<u>Applicability</u>

Applies during MODES 1, and 2.

Objective

To ensure that sufficient information is available to operators to determine the effects of and determine the course of an accident to the extent required to carry out required manual actions.

Specification

- A. Event monitoring instrumentation shall be OPERABLE as specified in Table TS.3.15-1.
- B. Action statements applicable by reference from Table TS.3.15-1.
- C. MODES 1, and 2 may be entered when a LIMITING CONDITION FOR OPERATION is not met.
- D. The provisions of specification 3.0.C are not applicable.

| Pra Pra | | EVENT MONITORING INSTRUMENTATION | | | | |
|------------------|-----|--|--|------------------|--|--|
| lirie lirie | | Function | Required Channels | <u>Action(a)</u> | | |
| Islar Islar | 1. | Power Range Neutron Flux (Logarithmic Scale) | 2 | 1, 2 | | |
| id U U | 2. | Source Range Neutron Flux (Logarithmic Scale) | 2 | 1, 2 | | |
| nit it | 3. | Reactor Coolant System (RCS) Hot Leg Temperature | 2 | 1, 2 | | |
| ∾ | 4. | RCS Cold Leg Temperature | 2 | 1, 2 | | |
| | 5. | RCS Pressure (Wide Range) | 2 | 1, 2 | | |
| | 6. | Reactor Vessel Water Level | 2 | 1, 3 | | |
| | 7. | Containment Sump Water Level (Wide Range) | 2 | 1, 2 | | |
| | 8. | Containment Pressure (Wide Range) | 2 | 1, 2 | | |
| | 9. | Automatic Containment Isolation Valve Position | 2 per penetration flow path ^{(b)(c)} | 1, 2 | | |
| | 10. | Containment Area Radiation (High Range) | 2 | 1, 3 | | |
| | 11. | Hydrogen Monitors | 2 | 1, 4 | | |
| | 12. | Pressurizer Level | 2 | 1, 2 | | |
| Amei Amei | 13. | Steam Generator Water Level (Wide Range) | 2 per steam generator | 1, 2 | | |
| ndme | 14. | Condensate Storage Tank Level | 2 | 1, 2 | | |
| nt No. | 15. | Core Exit Thermocouples | 4 per core quadrant | 5, 6 | | |
| 101 101 N 100 | 16. | Refueling Water Storage Tank Level | 2 | 1, 2 | | |
| 78, 77, | | | | | | |

121 114

TABLE TS.3.15-1 (Page 1 of 2)

Table (Page TS.3.15-1 1 of 2)

(

• ×

TABLE TS.3.15-1 (Page 2 of 2) EVENT_MONITORING INSTRUMENTATION

(a) Action Statements

Separate Action Statement entry is allowed for each Function.

- 1. With one required channel inoperable, either restore the required channel to OPERABLE status within 30 days, or submit a report to the Commission within the following 14 days.
- 2. With two required channels inoperable, either restore one channel to OPERABLE status within 7 days or be in at least MODE 3 within the next 6 hours.
- 3. With two required channels inoperable, either restore one channel to OPERABLE status within 7 days, or submit a report to the Commission within the following 14 days.
- 4. With two required channels inoperable, either restore one channel to OPERABLE status within 72 hours or be in at least MODE 3 within the next 6 hours.
- 5. With the number of OPERABLE channels for the core exit thermocouples less than the Required Channels shown on Table TS.3.15-1, but with greater than or equal to 4 core exit thermocouples OPERABLE in the center core region and greater than or equal to one core exit thermocouple OPERABLE in each quadrant of the outside core region, restore the inoperable channels to OPERABLE status within 30 days, or submit a report to the Commission within the next 14 days. As a minimum, the Required Channels will be restored prior to startup following the next refueling outage.
- 6. With the less than two core exit thermocouple channels OPERABLE in one or more quadrants, and with either less than 4 core exit thermocouples OPERABLE in the center region or less than one core exit thermocouple OPERABLE in each quadrant of the outside core region, restore the inoperable channels to OPERABLE status within 7 days, or be in at least MODE 3 within the next 6 hours.
- (b) Not required for isolation valves whose associated penetration is isolated by at least one closed and deactivated automatic valve, closed manual valve, or blind flange.
- (c) Only one position indication channel is required for penetration flow paths with only one installed control room indication channel.

Amendment Amendment

N N

121

<u>TABLE TS.4.1-1C</u> (Page 2 of 4)

MISCELLANEOUS INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| Prairie Prairie | FU | NCTIONAL UNIT | <u>CHECK</u> | CALIBRATE | <u>FUNCTIONAL</u> <u>TEST</u> | RESPONSE TEST | MODES FOR WHICH SURVEILLANCE IS REQUIRED |
|--------------------|-----|--|--------------|--------------|----------------------------------|------------------|---|
| Island Island | 13. | Containment Sump A, B and C Level | N.A . | R | R | N.A. | 1, 2, 3, 4 |
| Unit 2 | 14. | Deleted | | | | | |
| | 15. | Turbine First Stage Pressure | S | R | Q | N.A. | 1 |
| | 16. | Emergency Plan Radiation Instruments ⁽³⁵⁾ | М | R | M | N.A . | 1, 2, 3, 4, 5, 6 |
| | 17. | Seismic Monitors | R | R | N.A. | N.A . | 1, 2, 3, 4, 5, 6 |
| | 18. | Coolant Flow - RTD Bypass Flowmeter | S | R | Μ | N.A . | 1, 2, 3 (34) |
| | 19. | CRDM Cooling Shroud Exhaust Air Temperature | S | N.A . | R | N.A. | 1, 2, $3^{(31)}$, $4^{(31)}$, $5^{(31)}$ |
| | 20. | Reactor Gap Exhaust Air Temperature | S | N.A . | R | N.A. | 1, 2, 3, 4 |
| Amen Amen | 21. | Post-Accident Monitoring Instruments (Table TS.3.15-1) ⁽³⁶⁾ | Μ | R | N.A . | N.A . | 1, 2 |

 $[\]frac{1}{2}$ 22. Deleted

Amendment No. 111, 116, 12 Amendment No. 104, 109, 1

Table TS.4.1-1C (Page 2 of 4)

; '

, ((

.

ł

TABLE TS.4.1-1C (Page 3 of 4)

MISCELLANEOUS INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| <u>FU</u> 23. | NCTIONAL UNIT Deleted | <u>CHECK</u> | <u>CALIBRATE</u> | <u>FUNCTIONAL</u> <u>TEST</u> | <u>response</u> <u>TEST</u> | MODES FOR WHICH SURVEILLANCE IS REQUIRED |
|------------------|--|---------------|------------------|----------------------------------|--------------------------------|--|
| 24. | Steam Exclusion Actuation | w | Y | М | N.A. | 1, 2, 3 |
| 25. | Overpressure Mitigation | N.A. | R | R | N.A. | 4 ⁽³⁴⁾ , 5 |
| 26. | Auxiliary Feedwater Pump Suction Pressure | N. A . | R | R | N.A . | 1, 2, 3, |
| 27. | Auxiliary Feedwater Pump Discharge Pressure | N. A . | R | R | N.A. | 1, 2, 3 |
| 28. | NaOH Caustic Stand Pipe Level | W | R | М | N.A . | 1, 2, 3, 4 |
| 29. | Hydrogen Monitors | S | Q | М | N.A . | 1, 2 |
| 30. | Containment Temperature Monitors | Μ | R | N.A . | N.A . | 1, 2, 3, 4 |
| 31. | Turbine Overspeed Protection Trip Channel | N.A. | R | М | N.A . | 1 |

Table TS.4.1-1C (Page 3 of 4)

· . ·

.

Ś

•

.

.

<u>TABLE 4.1-1C</u> (Page 4 of 4)

TABLE NOTATIONS

FREQUENCY NOTATION

| NOTATION | FREQUENCY |
|-----------------|-------------------------|
| S | Shift |
| D | Daily |
| W | Weekly |
| M | Monthly |
| Q | Quarterly |
| S/U | Prior to each startup |
| Ŷ | Yearly |
| R | Each refueling shutdown |
| N.A. | Not Applicable |

TABLE NOTATION

- (30) Prior to each startup following shutdown in excess of two days if not done in previous 30 days.
- (31) When the reactor trip system breakers are closed and the control rod drive system is capable of rod withdrawal.
- (32) Following rod motion in excess of six inches when the computer is out of service.
- (33) Transfer logic to Refueling Water Storage Tank.
- (34) When either main steam isolation valve is open.
- (35) Includes those instruments named in the emergency procedure.

- (36) Except for containment hydrogen monitors and refueling water storage tank level which are separately specified in this table.
- (37) When RHR is in operation.
- (38) When the reactor coolant system average temperature is less than 310°F.
- (39) Whenever CONTAINMENT INTEGRITY is required.

'rairie Island Uni 'rairie Island Uni

1 1 1 1 1 1 1

ס ס

Amendment No. 111, 121 Amendment No. 104, 114

B.3.15-1

3.15 EVENT MONITORING INSTRUMENTATION

<u>Bases</u>

The OPERABILITY of the event monitoring instrumentation ensures that sufficient information is available on selected plant parameters to monitor and assess these variables during and following an accident. This capability is consistent with the recommendations of NUREG-0578, NUREG-0737 and the Regulatory Guide 1.97 evaluation of Prairie Island instrumentation.

The Action Statements for one or more inoperable channels in some circumstances require submittal of a report to the Commission. The report shall outline preplanned alternate method of monitoring as applicable, the cause of the inoperability, and the plans and schedule for restoring the instrument channels of the Function to OPERABLE status.

Some containment penetration flow paths may have one valve with position indication based on the justification that another mechanism is provided to assure containment integrity is maintained. In the event the position indication on the one valve fails, the justification for the penetration to have a single valve with position indication is assumed to remain valid. Since another mechanism continues to provide containment integrity, the applicable action is Action Statement 1.

The following core exit thermocouples are included in the center core region referenced in Table TS.3.15-1, Action Statement 5. If a thermocouple is not listed below, it is located in the outside core region.

| Thermocouple | Core |
|--------------|-----------------|
| Number | <u>Location</u> |
| 9 | D-5 |
| 10 | D-7 |
| 12 | E-4 |
| 13 | E-6 |
| 14 | E-10 |
| 16 | F- 7 |
| 18 | G-4 |
| 19 | G-6 |
| 22 | H-5 |
| 23 | H-9 |
| 28 | I-4 |
| 29 | I-8 |
| 30 | I-10 |
| 32 | J-6 |
| 33 | J-8 |
| 34 | J-9 |

Core exit thermocouple readings necessary to meet the requirements of Specification 3.15.A are available from the Plant Process Computer, the Control Room Core Exit Thermocouple Display or if no other readout is available, from test equipment readings from the Core Exit Thermocouple Junction Boxes.

| Prairie | Island | Unit | 1 |
|---------|--------|------|---|
| Prairie | Island | Unit | 2 |

Amendment No. *91*, *112*, 121 Amendment No. *84*, *108*, 114



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

NORTHERN STATES POWER COMPANY

DOCKET NO. 50-306

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 114 License No. DPR-60

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Northern States Power Company (the licensee) dated January 10, 1995, as supplemented August 9, and September 20, 1995, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
- 2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-60 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 114, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of issuance, with full implementation within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

seth a. Wez

Beth A. Wetzel, Project Manager Project Directorate III-1 Division of Reactor Projects - III/IV Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

Date of Issuance: November 9, 1995

ATTACHMENT TO LICENSE AMENDMENT NO. 114

FACILITY OPERATING LICENSE NO. DPR-60

DOCKET NO. 50-306

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change.

| REMOVE | INSERT |
|-----------------------|-----------------------------|
| TS iv | TS iv |
| TS xii | TS xii |
| TS 3.15-1 | TS 3.15-1 |
| TS 3.15-2 | |
| Table 3.15-1 | Table 3.15-1 (p. 1 of 2) |
| | Table 3.15-1 (p. 2 of 2) |
| Table 3. 15-2 | |
| Table 3. 15-3 | |
| Table 4.1-1C (p. 2 of | 4) Table 4.1-1C (p. 2 of 4) |
| Table 4.1-1C (p. 3 of | 4) Table 4.1-1C (p. 3 of 4) |
| Table 4.1-1C (p. 4 of | 4) Table 4.1-1C (p. 4 of 4) |
| Bases 3. 15-1 | Bases 3.15-1 |

TS-iv

TABLE OF CONTENTS (Continued)

TS SECTION

_ ^

<u>TITLE</u>

<u>PAGE</u>

| 3.10 | Control Rod and Power Distribution Limits | TS.3.10-1 |
|------|---|-----------|
| | A. Shutdown Margin | TS.3.10-1 |
| | B. Power Distribution Limits | TS.3.10-1 |
| | C. Quadrant Power Tilt Ratio | TS.3.10-4 |
| | D. Rod Insertion Limits | TS.3.10-5 |
| | E. Rod Misalignment Limitations | TS.3.10-6 |
| | F. Inoperable Rod Position Indicator Channels | TS.3.10-6 |
| | G. Control Rod Operability Limitations | TS.3.10-7 |
| | H. Rod Drop Time | TS.3.10-7 |
| | I. Monitor Inoperability Requirements | TS.3.10-8 |
| | J. DNB Parameters | TS.3.10-8 |
| 3.11 | Core Surveillance Instrumentation | TS.3.11-1 |
| 3.12 | Snubbers | TS.3.12-1 |
| 3.13 | Control Room Air Treatment System | TS.3.13-1 |
| | A. Control Room Special Ventilation System | TS.3.13-1 |
| 3.14 | Deleted | |
| 3.15 | Event Monitoring Instrumentation | TS.3.15-1 |

I

TECHNICAL SPECIFICATIONS

·• .

.

TS TABLE

-.

~~

LIST OF TABLES

TITLE

| 1-1 | Operational Modes |
|--------|---|
| 3.5-1 | Engineered Safety Features Initiation Instrument Limiting |
| | Set Points |
| 3.5-2A | Reactor Trip System Instrumentation |
| 3.5-2B | Engineered Safety Feature Actuation System Instrumentation |
| 3.9-1 | Radioactive Liquid Effluent Monitoring Instrumentation |
| 3.9-2 | Radioactive Gaseous Effluent Monitoring Instrumentation |
| 3.15-1 | Event Monitoring Instrumentation |
| 4.1-1A | Reactor Trip System Instrumentation Surveillance Requirements |
| 4.1-1B | Engineered Safety Feature Actuation System Instrumentation Surveillance Requirements |
| 4.1-1C | Miscellaneous Instrumentation Surveillance Requirements |
| 4.1-2A | Minimum Frequencies for Equipment Tests |
| 4.1-2B | Minimum Frequencies for Sampling Tests |
| 4.2-1 | Special Inservice Inspection Requirements |
| 4.10-1 | Radiation Environmental Monitoring Program (REMP)Sample Collection and Analysis |
| 4.10-2 | RFMP - Maximum Values for the Lower Limits of Detection |
| 4.10-3 | RFMP - Reporting Levels for Radioactivity Concentrations in |
| | Environmental Samples |
| 4.12-1 | Steam Generator Tube Inspection |
| 4.13-1 | Snubber Visual Inspection Interval |
| 4.17-1 | Radioactive Liquid Effluent Monitoring Instrumentation |
| | Surveillance Requirements |
| 4.17-2 | Radioactive Gaseous Effluent Monitoring Instrumentation |
| | Surveillance Requirements |
| 4.17-3 | Radioactive Liquid Waste Sampling and Analysis Program |
| 4.17-4 | Radioactive Gaseous Waste Sampling and Analysis Program |
| 5.5-1 | Anticipated Annual Release of Radioactive Material in Liquid |
| | Effluents From Prairie Island Nuclear Generating Plant (Per Unit) |
| 5.5-2 | Anticipated Annual Release of Radioactive Nuclides in |
| | Gaseous Effluent From Prairie Island Nuclear Generating |
| | Plant (Per Unit) |
| 6.1-1 | Minimum Shift Crew Composition |

Prairie Island Unit 1Amendment No. 111, 120, 121Prairie Island Unit 2Amendment No. 104, 113, 114

3.15 EVENT MONITORING INSTRUMENTATION

Applicability

Applies during MODES 1, and 2.

<u>Objective</u>

To ensure that sufficient information is available to operators to determine the effects of and determine the course of an accident to the extent required to carry out required manual actions.

Specification

- A. Event monitoring instrumentation shall be OPERABLE as specified in Table TS.3.15-1.
- B. Action statements applicable by reference from Table TS.3.15-1.
- C. MODES 1, and 2 may be entered when a LIMITING CONDITION FOR OPERATION is not met.
- D. The provisions of specification 3.0.C are not applicable.

Prairie Prairie Island Island Unit Unit

TABLE TS.3.15-1 (Page 1 of 2)EVENT MONITORING INSTRUMENTATION

| irie irie | | Function | Required Channels | <u>Action (a)</u> |
|------------------|-----|--|--|-------------------|
| Islan Islan | 1. | Power Range Neutron Flux (Logarithmic Scale) | 2 | 1, 2 |
| nd U U br | 2. | Source Range Neutron Flux (Logarithmic Scale) | 2 | 1, 2 |
| nit nit | 3. | Reactor Coolant System (RCS) Hot Leg Temperature | 2 | 1, 2 |
| N | 4. | RCS Cold Leg Temperature | 2 | 1, 2 |
| | 5. | RCS Pressure (Wide Range) | 2 | 1, 2 |
| | 6. | Reactor Vessel Water Level | 2 | 1, 3 |
| | 7. | Containment Sump Water Level (Wide Range) | 2 | 1, 2 |
| | 8. | Containment Pressure (Wide Range) | 2 | 1, 2 |
| | 9. | Automatic Containment Isolation Valve Position | 2 per penetration flow path ^{(b)(c)} | 1, 2 |
| | 10. | Containment Area Radiation (High Range) | 2 | 1, 3 |
| | 11. | Hydrogen Monitors | 2 | 1, 4 |
| | 12. | Pressurizer Level | 2 | 1, 2 |
| Ame Ame | 13. | Steam Generator Water Level (Wide Range) | 2 per steam generator | 1, 2 |
| ndme ndme | 14. | Condensate Storage Tank Level | 2 | 1, 2 |
| nt No. nt No. | 15. | Core Exit Thermocouples | 4 per core quadrant | 5,6 |
| 121 02 121 02 | 16. | Refueling Water Storage Tank Level | 2 | 1, 2 |
| | | | | |

Table TS.3.15-1 (Page 1 of 2)

(

,) (₎

ţ

...

78, 121 77, 114

TABLE TS.3.15-1 (Page 2 of 2) EVENT MONITORING INSTRUMENTATION

Separate Action Statement entry is allowed for each Function.

- 1. With one required channel inoperable, either restore the required channel to OPERABLE status within 30 days, or submit a report to the Commission within the following 14 days.
- 2. With two required channels inoperable, either restore one channel to OPERABLE status within 7 days or be in at least MODE 3 within the next 6 hours.
- 3. With two required channels inoperable, either restore one channel to OPERABLE status within 7 days, or submit a report to the Commission within the following 14 days.
- 4. With two required channels inoperable, either restore one channel to OPERABLE status within 72 hours or be in at least MODE 3 within the next 6 hours.
- 5. With the number of OPERABLE channels for the core exit thermocouples less than the Required Channels shown on Table TS.3.15-1, but with greater than or equal to 4 core exit thermocouples OPERABLE in the center core region and greater than or equal to one core exit thermocouple OPERABLE in each quadrant of the outside core region, restore the inoperable channels to OPERABLE status within 30 days, or submit a report to the Commission within the next 14 days. As a minimum, the Required Channels will be restored prior to startup following the next refueling outage.
- 6. With the less than two core exit thermocouple channels OPERABLE in one or more quadrants, and with either less than 4 core exit thermocouples OPERABLE in the center region or less than one core exit thermocouple OPERABLE in each quadrant of the outside core region, restore the inoperable channels to OPERABLE status within 7 days, or be in at least MODE 3 within the next 6 hours.
- (b) Not required for isolation valves whose associated penetration is isolated by at least one closed and deactivated automatic valve, closed manual valve, or blind flange.
- (c) Only one position indication channel is required for penetration flow paths with only one installed control room indication channel.

Table TS.3.15-1 (Page 2 of 2)

Amendment No. Amendment No.

121 114

Prairi: Prairi:

e Is

land

Unit UNit

 $\sim -$

TABLE TS.4.1-1C (Page 2 of 4)

MISCELLANEOUS INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| Prair Prair | <u>FUR</u> | NCTIONAL UNIT | <u>CHECK</u> | <u>CALIBRATE</u> | <u>FUNCTIONAL</u> <u>TEST</u> | <u>RESPONSE</u> <u>TEST</u> | <u>MODES FOR WHICH</u> SURVEILLANCE IS REQUIRED |
|------------------------|--|--|--------------|------------------|----------------------------------|--------------------------------|--|
| ie Isla ie Islan | 13. Containment Sump A, B and C Level | | N.A . | R | R | N.A . | 1, 2, 3, 4 |
| nd Unit nd Unit | 14. | Deleted | | | | | |
| N | 15. | Turbine First Stage Pressure | S | R | Q | N.A . | 1 |
| | 16. | Emergency Plan Radiation Instruments ⁽³⁵⁾ | М | R | Μ | N.A . | 1, 2, 3, 4, 5, 6 |
| | 17. | Seismic Monitors | R | R | N.A. | N.A. | 1, 2, 3, 4, 5, 6 |
| | 18. | Coolant Flow - RTD Bypass Flowmeter | S | R | Μ | N.A . | 1, 2, 3 (34) |
| | 19. | CRDM Cooling Shroud Exhaust Air Temperature | S | N.A . | R | N. A . | 1, 2, $3^{(31)}$, $4^{(31)}$, $5^{(31)}$ |
| | 20 | Reactor Gap Exhaust Air Temperature | S | N.A. | R | N.A . | 1, 2, 3, 4 |
| Amen Amen | 21 | . Post-Accident Monitoring Instruments (Table TS.3.15-1) ⁽³⁶⁾ | Μ | R | N.A. | N.A . | 1, 2 |
| dment No. Iment No. | _ 22 | . Deleted | | | | | |

Table TS.4.1-1C (Page 2 of 4)

~

£

.

•

TABLE TS,4.1-1C (Page 3 of 4)

MODES FOR WHICH FUNCTIONAL RESPONSE SURVEILLANCE IS **TEST** TEST CALIBRATE CHECK FUNCTIONAL UNIT REQUIRED 23. Deleted 1, 2, 3 Μ N.A. W Y 24. Steam Exclusion Actuation 4⁽³⁸⁾, 5 N.A. R R N.A. 25. Overpressure Mitigation N.A. 1, 2, 3, R R N.A. 26. Auxiliary Feedwater **Pump Suction Pressure** 1, 2, 3 R N.A. R N.A. 27. Auxiliary Feedwater Pump Discharge Pressure 1, 2, 3, 4 N.A. Μ R W 28. NaOH Caustic Stand Pipe Level 1, 2 N.A. Μ Q S 29. Hydrogen Monitors N.A. 1, 2, 3, 4 N.A. R Μ 30. Containment Temperature Monitors N.A. 1 Μ R N.A. 31. Turbine Overspeed

MISCELLANEOUS INSTRUMENTATION SURVEILLANCE REQUIREMENTS

Protection Trip Channel

Prairi. Prairi

n n

Island Island

Unit Unit

 $\sim -$

· ••

€

<u>TABLE 4.1-1C</u> (Page 4 of 4)

TABLE NOTATIONS

FREQUENCY NOTATION

| S Shift D Daily | |
|---------------------------|----|
| D Daily | |
| | |
| W Weekly | |
| M Monthly | |
| Q Quarterly | |
| S/U Prior to each startup | |
| Y Yearly | |
| R Each refueling shutdow | vn |
| N.A. Not Applicable | |

TABLE NOTATION

- (30) Prior to each startup following shutdown in excess of two days if not done in previous 30 days.
- (31) When the reactor trip system breakers are closed and the control rod drive system is capable of rod withdrawal.
- (32) Following rod motion in excess of six inches when the computer is out of service.
- (33) Transfer logic to Refueling Water Storage Tank.
- (34) When either main steam isolation valve is open.
- (35) Includes those instruments named in the emergency procedure.

- (36) Except for containment hydrogen monitors and refueling water storage tank level which are separately specified in this table.
- (37) When RHR is in operation.
- (38) When the reactor coolant system average temperature is less than 310°F.
- (39) Whenever CONTAINMENT INTEGRITY is required.

Table TS.4.1-1C (Page 4 of 4)

· . . · .

ć

 $\sim -$

B.3.15-1

3.15 EVENT MONITORING INSTRUMENTATION

<u>Bases</u>

The OPERABILITY of the event monitoring instrumentation ensures that sufficient information is available on selected plant parameters to monitor and assess these variables during and following an accident. This capability is consistent with the recommendations of NUREG-0578, NUREG-0737 and the Regulatory Guide 1.97 evaluation of Prairie Island instrumentation.

The Action Statements for one or more inoperable channels in some circumstances require submittal of a report to the Commission. The report shall outline preplanned alternate method of monitoring as applicable, the cause of the inoperability, and the plans and schedule for restoring the instrument channels of the Function to OPERABLE status.

Some containment penetration flow paths may have one valve with position indication based on the justification that another mechanism is provided to assure containment integrity is maintained. In the event the position indication on the one valve fails, the justification for the penetration to have a single valve with position indication is assumed to remain valid. Since another mechanism continues to provide containment integrity, the applicable action is Action Statement 1.

The following core exit thermocouples are included in the center core region referenced in Table TS.3.15-1, Action Statement 5. If a thermocouple is not listed below, it is located in the outside core region.

| Thermocouple | Core |
|--------------|-----------------|
| Number | <u>Location</u> |
| 9 | D-5 |
| 10 | D-7 |
| 12 | E-4 |
| 13 | E-6 |
| 14 | E-10 |
| 16 | F-7 |
| 18 | G-4 |
| 19 | G-6 |
| 22 | H-5 |
| 23 | н-9 |
| 28 | I-4 |
| 29 | I-8 |
| 30 | I-10 |
| 32 | J-6 |
| 33 | J-8 |
| 34 | J-9 |
| | |

Core exit thermocouple readings necessary to meet the requirements of Specification 3.15.A are available from the Plant Process Computer, the Control Room Core Exit Thermocouple Display or if no other readout is available, from test equipment readings from the Core Exit Thermocouple Junction Boxes.

Prairie Island Unit 1 Prairie Island Unit 2

Amendment No. *91*, *112*, 121 Amendment No. *84*, *105*, 114

UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001



RELATED TO AMENDMENT NOS. 121 AND 114 TO

FACILITY OPERATING LICENSE NOS. DPR-42 AND DPR-60

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-282 AND 50-306

1.0 INTRODUCTION

NUCLEAR REGUL

STATES

By letter dated January 10, 1995, as supplemented August 9 and September 20, 1995, the Northern States Power Company (NSP or the licensee) requested amendments to the Technical Specifications (TS) appended to Facility Operating License Nos. DPR-42 and DPR-60 for the Prairie Island Nuclear Generating Plant, Unit Nos. 1 and 2. The proposed amendments would incorporate Limiting Condition for Operation (LCO) requirements from NUREG-1431, "Standard Technical Specifications (STS) for Westinghouse Plants," dated September 1992, into the plant TS Section 3.15, Event Monitoring Instrumentation. The proposed amendments would also make necessary changes in TS Table 4.1-1C, Miscellaneous Instrumentation, to reflect TS Section 3.15 changes.

Incorporation of STS LCO Section 3.3.3 into the plant TS Section 3.15 would:

- a. Revise the table of contents to reflect the merging of TS Section 3.15-1 subsections A, B, and C into one section, TS Section 3.15, and the merging of TS Tables 3.15-1, 3.15-2, and 3.15-3 into one table, TS Table 3.15-1.
- b. Revise the action statements in TS Section 3.15 associated with inoperability of instrumentation for post-accident monitoring (PAM) parameters.
- c. Replace the columns titled "Required Total No. of Channels" and "Minimum Channels Operable" with a column titled "Required Channels" in TS Table 3.15-1.
- d. Delete non-Category 1 instrumentation from TS Table 3.15-1.
- e. Revise surveillance requirements for containment area radiation and reactor vessel level instruments in TS Table 4.1-1C.
- f. Revise Bases 3.15 to correspond with the changes in TS Section 3.15.

2.0 EVALUATION

The purpose of the PAM instrumentation is to display variables that provide information required by the control room operators during and following an accident. This information provides the necessary support for the operators to take the manual actions required for safety systems to accomplish their safety functions for design-basis accidents. The operability of the PAM instrumentation ensures that sufficient information is available on selected parameters for the operator to monitor and to assess the plant status and behavior following an accident. The following evaluation addresses the operability requirements, and the associated required actions.

2.1 Required Channels and Diverse Variables

The licensee proposed a revision to TS Table 3.15-1 to the format presented in STS Table 3.3.3-1 by replacing columns titled "Required Total No. of Channels" and "Minimum Channels Operable" with a column titled "Required Channels." Table 3.3.3-1 of the STS requires two operable channels for PAM functions. Two operable channels ensure that no single failure prevents the operator from getting information necessary for determining the safety status of the plant and bringing the plant to a safe condition following an accident.

Consistent with STS Table 3.3.3-1, the licensee has proposed that two channels for each parameter be provided as specified in TS Table 3.15-1, except reactor coolant system (RCS) hot leg temperature and RCS cold leg temperature. For RCS hot leg temperature and RCS cold leg temperature the licensee has proposed one channel per loop (Prairie Island, Units 1 and 2, are two-loop plants) of instrumentation for operability along with indication of diverse variables.

The licensee has proposed that core exit temperature, RCS cold leg temperature, and steam generator pressure serve as diverse variables for RCS hot leg temperature. Since core exit temperature correlates with RCS hot leg temperature, the use of core exit temperature, RCS cold leg temperature, and steam generator pressure provide appropriate alternative indications for RCS hot leg temperature and are, therefore, acceptable.

The licensee has proposed that core exit temperature, steam generator pressure, and RCS hot leg temperature serve as diverse variables for RCS cold leg temperature. Because heat is transferred from the RCS to the steam generators, steam generator temperature (which can be derived from steam generator pressure) will be lower than RCS cold leg temperature. The difference between steam generator temperature and RCS cold leg temperature is proportional to the heat removed. RCS cold leg temperature is used in calculations to determine the RCS cooldown rate. The use of steam generator temperature in place of RCS cold leg temperature would reflect a higher cooldown rate than the actual cooldown rate and thus result in a more conservative operation. The licensee has also committed to establishing standing procedural guidance for the plant operators directing them to use steam generator pressure in lieu of RCS cold leg temperature in the event of RCS cold leg temperature unavailability. Since the use of steam generator temperature in place of RCS cold leg temperature would be conservative, the use of steam generator pressure, core exit temperature, and RCS hot leg temperature provide appropriate alternative indications for RCS cold leg temperature and are, therefore, acceptable.

2.2 <u>Action Statements</u>

The licensee also proposed changes to the action statements associated with each PAM variable. The staff reviewed similarities between the proposed action statements and those of the STS and found the following deviations.

2.2.1 Orderly Transition

The proposed Action Statement 2 states that with two required channels inoperable, restore one channel to operable status within 7 days, or be in at least Mode 3 within the next 6 hours. In the STS, the required action for this condition is to be in Mode 3 within 6 hours and be in Mode 4 within 12 hours. The action statement in the existing TS Table 3.15-1, which the proposed Action Statement 2 replaces, does not have a requirement to proceed to Mode 4. The proposed action statement does not change the present commitment nor appear to adversely affect continued safe operation of the plant. Therefore, the proposed change is acceptable.

2.2.2 Diverse Channels

The proposed action statements for RCS hot leg temperature and RCS cold leg temperature deviate from the STS which requires two channels per loop. The proposed action statement provides for one channel per loop and a diverse indication in place of a second channel.

The proposed action statements for these variables state that with the required channel inoperable, and at least one diverse channel operable for the affected loop, restore the required channel to operable status within 30 days. If the required channel is not restored to operable status within 30 days, prepare and submit a special report to the Commission within 14 days outlining the actions taken (including the preplanned alternate method of monitoring), the cause of the inoperability, and the plans and schedule for restoring the inoperable status.

The above action statements are similar to the action statements for twochannel systems where one channel is inoperable and the STS require the inoperable channel be restored to operable status within 30 days or a special report be submitted to the NRC within the next 14 days providing plans for restoring the inoperable channel to operable status. The licensee takes credit in the proposed TS for the diverse channel in place of the second channel and follows the action statement for one inoperable channel. Although the operable diverse channel is not an exact measurement of the primary variable, the operator is still able to derive the necessary information about the primary variable.

Therefore, the action statements for these variables with the appropriate diverse channel as the second channel is consistent with the STS and is acceptable.

In the event that both the required channel and the diverse channel for the affected loop are inoperable, the TS would require either the required channel or the diverse channel be restored within 7 days or the plant be shut down, which is commensurate with the required action in the STS for a total loss of indication, and is, therefore, acceptable.

2.3 <u>Deletion of Non-Category 1 Instrumentation</u>

Auxiliary feedwater flow, RCS subcooling margin, pressure-operated relief valve position, pressure-operated relief block valve position, pressurizer safety valve position, containment water level (narrow range), steam relief activity monitor, and high-range shield building vent releases are Regulatory Guide (R.G.) 1.97 ("Instrumentation for Light-Water Cooled Nuclear Power Plants To Assess Plant and Environs Conditions During and Following an Accident") Category 2 variables and are not included in the STS for PAM. Therefore, the licensee has proposed that these instruments be deleted from TS Table 3.15-1. The deletion of these instruments from TS Table 3.15-1 is acceptable.

2.4 <u>Surveillance Requirements</u>

The licensee has proposed a revision to TS Table 4.1-1C regarding surveillance requirements for containment radiation and reactor vessel water level. The licensee proposes that surveillance for these two instruments be the same as the surveillance requirements for other PAM instrumentation. The proposed surveillance requirements for containment radiation and reactor vessel water level are consistent with the STS, and are, therefore, acceptable.

2.5 <u>Bases 3.15</u>

The licensee proposed that Bases 3.15 be revised to define the contents of required reports, provide clarifications on containment penetration flow path status, and include core exit thermocouple changes commensurate with the changes in TS 3.15. The proposed changes to Bases 3.15 are consistent with the STS, and are, therefore, acceptable.

2.6 <u>Summary</u>

Based on our review of the proposed amendments, the staff concludes that the proposed changes to the PAM instrumentation operability requirements for the Prairie Island Nuclear Generating Plant, Units 1 and 2, TS conform to the STS and their bases and the guidelines of R.G. 1.97. The staff further determined that the proposed TS changes provide appropriate limiting conditions for operation and action statements for the PAM instrumentation, and are, therefore, acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Minnesota State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and change surveillance requirements. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant on such finding (60 FR 8753). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: Barry S. Marcus

Date: November 9, 1995



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001 November 9, 1995

MEMORANDUM TO: BiWeekly Notice Coordinator

FROM:

Beth A. Wetzel, Project Manager *Bath Q. Weyl* Project Directorate III-1 Division of Reactor Projects - III/IV

SUBJECT: REQUEST FOR PUBLICATION IN BIWEEKLY FR NOTICE - NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE (TAC NOS. M91336 AND M91337)

Northern States Power Company, Docket No. 50-282, Prairie Island Nuclear Generating Plant, Unit No. 1, Goodhue County, Minnesota Date of application for amendment: January 10, 1995, as supplemented August 9 and September 20, 1995.

<u>Brief description of amendment</u>: The amendments revise the Prairie Island event monitoring instrumentation Technical Specifications and associated Bases to conform to Standard Technical Specifications for post-accident monitoring.

Date of issuance: November 9, 1995

Effective date: November 9, 1995, with full implementation within 30 days. Amendment No.: 121/114

Facility Operating License No. DPR-42 and DPR-60. Amendments revised the Technical Specifications.

Date of initial notice in FEDERAL REGISTER: February 15, 1995 (60 FR 8753) The August 9 and September 20, 1995, letters provided updated Technical Specification pages and clarifying information in response to discussions with the staff during various teleconferences conducted during the review process. This information was within the scope of the original application and did not change the staff's initial proposed no significant hazards consideration determination. The Commission's related evaluation of the BiWeekly Notice Coordinator -2amendment is contained in a Safety Evaluation dated November 9, 1995. No Significant hazards consideration comments received: No. Local Public Document Room location: Minneapolis Public Library, Technology and Science Department, 300 Nicollet Mall, Minneapolis, Minnesota 55401.

DISTRIBUTION

Docket File PD31 Rdg File OGC BWetzel CJamerson BiWeekly Coord

DOCUMENT NAME: G:\WPDOCS\PRAIRIE\PI191336.BWI

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

| OFFICE | LA:PD31 | Ν | C | PM:PD31 | OGC | (A)D:PD31 |
|--------|-----------|----|---|-------------------|--------------|-----------|
| NAME | CJamerson | C) | Y | BWetzel | (MYLIEN P.O | BHolian |
| DATE | 10/25/95 | U | | 10 <u>/2</u> 5/95 | 10/30/95 | 1/9/95 |

OFFICIAL RECORD COPY

BiWeekly Notice Coordinator -2-

amendment is contained in a Safety Evaluation dated November 9, 1995. No Significant hazards consideration comments received: No. Local Public Document Room location: Minneapolis Public Library, Technology and Science Department, 300 Nicollet Mall, Minneapolis, Minnesota 55401. BiWeekly Notice Coordinator -2-

· .

amendment is contained in a Safety Evaluation dated November 9, 1995. No Significant hazards consideration comments received: No. Local Public Document Room location: Minneapolis Public Library, Technology and Science Department, 300 Nicollet Mall, Minneapolis, Minnesota 55401.



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001 November 9, 1995

MEMORANDUM TO: BiWeekly Notice Coordinator

Project Directorate III-1

FROM:

Beth a. Wetel Beth A. Wetzel, Project Manager Division of Reactor Projects - III/IV

SUBJECT: REQUEST FOR PUBLICATION IN BIWEEKLY FR NOTICE - NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE (TAC NOS. M91336 AND M91337)

Northern States Power Company, Docket No. 50-282, Prairie Island Nuclear Generating Plant, Unit No. 1, Goodhue County, Minnesota

Date of application for amendment: January 10, 1995, as supplemented August 9 and September 20, 1995.

Brief description of amendment: The amendments revise the Prairie Island event monitoring instrumentation Technical Specifications and associated Bases to conform to Standard Technical Specifications for post-accident monitorina.

Date of issuance: November 9, 1995

Effective date: November 9, 1995, with full implementation within 30 days. Amendment No.: 121/114

Facility Operating License No. DPR-42 and DPR-60. Amendments revised the Technical Specifications.

Date of initial notice in FEDERAL REGISTER: February 15, 1995 (60 FR 8753) The August 9 and September 20, 1995, letters provided updated Technical Specification pages and clarifying information in response to discussions with the staff during various teleconferences conducted during the review process. This information was within the scope of the original application and did not change the staff's initial proposed no significant hazards consideration determination. The Commission's related evaluation of the

BiWeekly Notice Coordinator -2amendment is contained in a Safety Evaluation dated November 9, 1995. No Significant hazards consideration comments received: No. Local Public Document Room location: Minneapolis Public Library, Technology and Science Department, 300 Nicollet Mall, Minneapolis, Minnesota 55401.

DISTRIBUTION

Docket File PD31 Rdg File OGC BWetzel CJamerson BiWeekly Coord

DOCUMENT NAME: G:\WPDOCS\PRAIRIE\PI191336.BWI To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

| OFFICE | LA:PD31 | 0 | C | PM:PD31 | OGC | (A)D:PD31 |
|--------|-----------|----------|---|------------------|----------|----------------|
| NAME | CJamerson | <u>C</u> | Y | BWetzel | (, Mareo | BHolian |
| DATE | 10/25/95 | U | | 10/25/95 | 10/20/95 | 1 / 9 / 95 *** |
| | | | | CETATAL DEGADD O | 0.01/ | |

OFFICIAL RECORD COPY