



**Northern States Power Company**  
 414 Nicollet Mall  
 Minneapolis, MN 55401  
 Telephone (612) 330-5500

February 23, 2000

10 CFR Part 26  
 Section 26.71 (d)

U. S. Nuclear Regulatory Commission  
 Attention: Document Control Desk  
 Washington, D.C. 20555

**MONTICELLO NUCLEAR GENERATING PLANT**  
 Docket No. 50-263 License No. DPR-22

**PRAIRIE ISLAND NUCLEAR GENERATING PLANT**  
 Docket No. 50-282 License No. DPR-40  
 50-306 DPR-60

Fitness For Duty Performance Data for the  
 6-month period Ending December 31, 1999

In accordance with 10 CFR Part 26, Section 26.71 (d), please find enclosed Northern States Power (NSP) Company's Fitness For Duty (FFD) Program Performance Data for the six (6) month period ending December 31, 1999.

If you have any questions concerning the Performance Data reported, please call Randy Cleveland at 612-337-2323.

*Michael D Wadley*

Michael D Wadley  
 President NSP Nuclear Generation

- c: Regional Administrator-III, NRC
- Monticello NRR Project Manager, NRC
- Monticello Resident Inspector, NRC
- Prairie Island NRR Project Manager, NRC
- Prairie Island Resident Inspector, NRC
- State of Minnesota, Attn: Steve Minn
- J. Silberg

- |              |                    |   |
|--------------|--------------------|---|
| Attachments: | Attachment A (1-3) | Fitness For Duty Program Performance Data (Personnel Subject to 10 CFR Part 26)   |
|              | Attachment B       | Confirmed Positive Tests for Specific Substances.   |
|              | Attachment C       | Fitness For Duty Summary Report, including: Management Actions and Reportable Fitness For Duty Events under 10 CFR Part 26.73 |

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***Fitness for Duty Program  
Performance Data  
Personnel Subject to 10 CFR 26***

Northern States Power Company  
Company

December 31, 1999  
Six (6) Months Ending

General Office  
Location

Randall D. Cleveland  
Contact Name

(612) 337-2323  
Phone Number

Cutoffs: Screen/Confirmation (ng/ml) & Alcohol (%BAC)

X Appendix A to 10 CFR 26 Levels (see Attachment C, page 2, item 4)

| Testing Results                       | Licensee Employees |            | Long -Term Contractor personnel |            | Short -Term Contractor Personnel |            |
|---------------------------------------|--------------------|------------|---------------------------------|------------|----------------------------------|------------|
|                                       | # Tested           | # Positive | # Tested                        | # Positive | # Tested                         | # Positive |
| Average number with Unescorted Access | 187                |            | N/A                             |            | 13                               |            |
| Pre-badging                           | 11                 | 0          |                                 |            | 2                                | 0          |
| For Cause                             | 0                  | 0          |                                 |            | 0                                | 0          |
| Post Accident                         | 0                  | 0          |                                 |            | 0                                | 0          |
| Random                                | 48                 | 0          |                                 |            | 1                                | 0          |
| Follow-up                             | 0                  | 0          |                                 |            | 0                                | 0          |
| <b>Total</b>                          | <b>59</b>          | <b>0</b>   |                                 |            | <b>3</b>                         | <b>0</b>   |

***Fitness for Duty Program  
Performance Data  
Personnel Subject to 10 CFR 26***

Northern States Power Company

Company

December 31, 1999

Six (6) Months Ending

Monticello

Location

Randall D. Cleveland

Contact Name

(612) 337-2323

Phone Number

Cutoffs: Screen/Confirmation (ng/ml) &amp; Alcohol (%BAC)

 Appendix A to 10 CFR 26 Levels (see Attachment C, page 2, item 4)

| Testing Results                       | Licensee Employees |            | Long -Term Contractor personnel |            | Short -Term Contractor Personnel |            |
|---------------------------------------|--------------------|------------|---------------------------------|------------|----------------------------------|------------|
|                                       | # Tested           | # Positive | # Tested                        | # Positive | # Tested                         | # Positive |
| Average number with Unescorted Access | 390                |            | N/A                             |            | 100                              |            |
| Categories                            | # Tested           | # Positive | # Tested                        | # Positive | # Tested                         | # Positive |
| Pre-badging                           | 264                | 5          |                                 |            | 126                              | 0          |
| For Cause                             | 3                  | 1          |                                 |            | 0                                | 0          |
| Post Accident                         | 0                  | 0          |                                 |            | 0                                | 0          |
| Random                                | 111                | 1          |                                 |            | 15                               | 0          |
| Follow-up                             | 13                 | 0          |                                 |            | 0                                | 0          |
| <b>Total</b>                          | <b>391</b>         | <b>7</b>   |                                 |            | <b>141</b>                       | <b>0</b>   |

***Fitness for Duty Program  
Performance Data  
Personnel Subject to 10 CFR 26***

Northern States Power Company

Company

December 31, 1999

Six (6) Months Ending

Prairie Island

Location

Randall D. Cleveland

Contact Name

(612) 337-2323

Phone Number

Cutoffs: Screen/Confirmation (ng/ml) &amp; Alcohol (%BAC)

 Appendix A to 10 CFR 26 Levels (see Attachment C, page 2, item 4)

| Testing Results                       | Licensee Employees |            | Long -Term Contractor personnel |            | Short -Term Contractor Personnel |            |
|---------------------------------------|--------------------|------------|---------------------------------|------------|----------------------------------|------------|
|                                       | # Tested           | # Positive | # Tested                        | # Positive | # Tested                         | # Positive |
| Average number with Unescorted Access | 556                |            | N/A                             |            | 214                              |            |
| Categories                            | # Tested           | # Positive | # Tested                        | # Positive | # Tested                         | # Positive |
| Pre-badging                           | 65                 | 0          |                                 |            | 72                               | 0          |
| For Cause                             | 0                  | 0          |                                 |            | 0                                | 0          |
| Post Accident                         | 1                  | 0          |                                 |            | 0                                | 0          |
| Random                                | 164                | 1          |                                 |            | 30                               | 0          |
| Follow-up                             | 0                  | 0          |                                 |            | 5                                | 0          |
| <b>Total</b>                          | <b>230</b>         | <b>1</b>   |                                 |            | <b>107</b>                       | <b>0</b>   |



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**Fitness For Duty Summary Report**  
Six (6) Month Period Ending December 31, 1999

Management Actions

1. During the six (6) month period ending December 31, 1999 Northern States Power Company conducted (931) drug and alcohol tests in accordance with 10 CFR Part 26. NSP workers subject to random drug and alcohol testing are each assigned to one of three pools: Prairie Island, Monticello, and General Office. Random test rates for each pool are as follows:

| <b>POOLS</b>          | <b>Annual period<br/>ending 12/31/99</b> |
|-----------------------|--|
| <b>General Office</b> | <b>54%</b>                               |
| <b>Monticello</b>     | <b>53%</b>                               |
| <b>Prairie Island</b> | <b>53%</b>                               |
| <b>ALL</b>            | <b>53%</b>                               |

For the reporting period, eight (8) workers were denied nuclear access after testing positive for drugs or alcohol. By test type: five (5) pre-access, two (2) random and one (1) for-cause test were positive.

Pre-Access Positives

Four (4) craft workers tested positive for marijuana.

One (1) prospective employee tested positive for amphetamines.

For-Cause Positives

One (1) employee tested positive for alcohol.

Nuclear access for this individual was reinstated following successful completion of NSP return to duty requirements.

Random Positives

Two (2) employees tested positive for cocaine.

These positives were subsequent positives as defined in 10 CFR Part 26.27(b)(2). Accordingly, these individuals were denied nuclear access for a minimal period of three (3) years.

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**Fitness For Duty Summary Report**  
Six (6) Month Period Ending December 31, 1999

2. For the semi-annual period referenced herein all blind specimens submitted to NSP's HHS-certified laboratory yielded expected results.
3. NSP has analyzed program performance data for the six (6) month period ending December 31, 1999 and has revised existing FFD procedures to incorporate enhancements as indicated by the analysis.
4. NSP continues to test for marijuana metabolites using an initial cutoff level of (50 ng/ml). This change was initiated on September 1, 1994 and communicated to the NRC by letter dated September 22, 1994.

NSP performed (931) drug tests under the lower initial cut-off level for Marijuana as referenced above. The four (4) marijuana positives during this reporting period tested positive at a level greater than 100ng/ml. Breakdown by worker type and quantification is as follows:

| Marijuana Positives > 100 ng/ml           | Marijuana Positives < 100 ng/ml but > 50 ng/ml |
|---|--|
| Licensee Worker Positives 4 (Monticello)* | Licensee Worker Positives 0                    |
| Short/Term Contract Worker Positives 0    | Short/Term Contract Worker Positives 0         |

\*prospective workers testing positive on pre-access tests.

**ATTACHMENT C**

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**Fitness For Duty Summary Report**  
Six (6) Month Period Ending December 31, 1999

Reportable Events

NSP had no reportable events as defined in 10 CFR Part 26.73 (a) during this reporting period.