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SUBJECT: Forwards fitness for duty performance data for Jan-June 1990  
 for plants,per 10CFR26.71(d).

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Northern States Power Company

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August 24, 1990

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-42  
50-306 DPR-60

Subject: **Fitness For Duty Performance Data For The 6 Month  
Period Ending June 30, 1990**

In accordance with 10CFR26.71(d), please find enclosed  
Northern States Power (NSP) Company's Fitness For Duty (FFD)  
Program Performance Data for the six (6) month period ending  
June 30, 1990.

Enclosures include:

- Attachment A (1-3) - Fitness For Duty Program Performance  
Data Personnel Subject to 10CFR26
- Attachment B - Random Testing Program  
Results/Confirmed Positive Tests for  
Specific Substances
- Attachment C - Fitness For Duty Summary Report,  
including:
  - Management Actions
  - Reportable Fitness For Duty Events  
under 10CFR26.73

If you have any questions concerning the Performance Data  
Reported, please contact me at (612)330-5630.

*Michael B. Sellman*

Michael B. Sellman  
Manager Corporate Security (Fitness For Duty Manager)

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Northern States Power Company  
Fitness For Duty Program  
Performance Data

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

Northern States Power Company		June 1990	
Company		6 Months Ending	
Corporate Offices			
Location			
Randall Cleveland		(612) (330-7999)	
Contact Name		Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	100 / 15	Amphetamines	1,000 / 500
Cocaine	300 / 150	Phencyclidine	25 / 25
Opiates	300 / 300	Alcohol (% BAC)	.04%

Testing Results	Licensee Employees				Long Term Contractor Personnel		Short Term Contractor Personnel	
Average Number with Unescorted Access	219				16		N/A	
Categories	# Tested	# Positive	# Referred to EAP	# Access Restored	# Tested	# Positive	# Tested	# Positive
Pre-employment	-	-	-	-	-	-	-	-
Pre-badging	23	0	-	-	10	0	-	-
Periodic	-	-	-	-	-	-	-	-
For cause	0	0	-	-	0	0	-	-
Post accident	0	0	-	-	0	0	-	-
Random	131	0	-	-	5	0	-	-
Follow-up	0	0	-	-	0	0	-	-
Other	-	-	-	-	-	-	-	-
Total	154	0	-	-	15	0	-	-

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

ATTACHMENT A2

Northern States Power Company		June 1990	
Company		6 Months Ending	
Monticello Nuclear Plant			
Location			
Randall Cleveland		(612) 330-7999	
Contact Name		Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26			
Marijuana	100 / 15	Amphetamines	1,000 / 500
Cocaine	300 / 150	Phencyclidine	25 / 25
Opiates	300 / 300	Alcohol (% BAC)	.04%

Testing Results	Licensee Employees				Long Term Contractor Personnel		Short Term Contractor Personnel	
Average Number with Unescorted Access	383				158			
Categories	# Tested	# Positive	# Referred to EAP	# Access Restored	# Tested	# Positive	# Tested	# Positive
Pre-employment	-	-	-	-	-	-	-	-
Pre-badging	56	0	-	-	66	0	-	-
Periodic	-	-	-	-	-	-	-	-
For cause	0	0	-	-	0	0	-	-
Post accident	0	0	-	-	0	0	-	-
Random	226	0	-	-	71	0	-	-
Follow-up	0	0	-	-	0	0	-	-
Other	-	-	-	-	-	-	-	-
Total	282	0	-	-	137	0	-	-

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

ATTACHMENT A3

Northern States Power Company		June 1990
Company		6 Months Ending
Prairie Island Nuclear Plant		
Location		
Randall Cleveland	(612) 330-7999	
Contact Name	Phone (include area code)	
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	100 / 15	Amphetamines 1,000 / 500 _____ /
Cocaine	300 / 150	Phencyclidine 25 / 25 _____ /
Opiates	300 / 300	Alcohol (% BAC) .04% _____ /

Testing Results	Licensee Employees				Long Term Contractor Personnel		Short Term Contractor Personnel	
Average Number with Unescorted Access	598				283		N/A	
Categories	# Tested	# Positive	# Referred to EAP	# Access Restored	# Tested	# Positive	# Tested	# Positive
Pre-employment	-	-	-	-	-	-	-	-
Pre-badging	95	2	-	-	324	3	-	-
Periodic	-	-	-	-	-	-	-	-
For cause	0	0	-	-	0	0	-	-
Post accident	0	0	-	-	0	0	-	-
Random	321	2	-	-	112	1	-	-
Follow-up	4	0	-	-	0	0	-	-
Other	-	-	-	-	-	-	-	-
Total	420	4	-	-	436	4	-	-

# Random Testing Program Results

Individuals Tested	1989		1990		1991		1992		1993	
# Positive			3							
# Tested			866							
% Positive			0.3							
Graph of % Positive	5									
	4									
	3									
	2									
	1									

## \* Confirmed Positive Tests for Specific Substances

Marijuana			5							
Cocaine			2							
Opiates			0							
Amphetamines			0							
Phencyclidine			0							
Alcohol			1							

\* Includes data for pre-access and random testing

August 24, 1990

ATTACHMENT C

**Fitness For Duty Summary Report**  
Six (6) Month Period Ending June 30, 1990

Management Actions

1. During the Six (6) month period ending June 30, 1990 Northern States Power Company conducted 1,444 drug and alcohol tests in accordance with 10CFR26. NSP workers subject to random drug and alcohol testing are each assigned to one of three pools: Prairie Island, Monticello, and Corporate. The annualized random test rates for each pool for the six (6) month period ending June 30, 1990 are as follows: Prairie Island 98%, Monticello 110%, and Corporate 116%. NSP is in the process of more closely aligning the random testing rate across pools. The overall rate of random testing across the three pools is 105%. Random testing resulted in 3 confirmed positives. Pre-access testing resulted in 5 confirmed positives.

The 5 positive tests for marijuana were the result of 1 pre-access test for a licensee employee seeking unescorted access, 1 pre-access test for a licensee craft union worker seeking employment and unescorted access, and 3 pre-access tests for contract workers seeking unescorted access.

The 2 positive tests for cocaine resulted from 1 licensee employee random test and 1 contract worker random test.

The 1 positive test for alcohol resulted from a licensee craft union employee random test.

All individuals testing positive were immediately denied unescorted access at NSP's nuclear plants. Of the 8 individuals testing positive during the period ending June 30, 1990, one has been returned to duty.

2. As a means of communication, NSP's Nuclear Generation area is developing a quarterly FFD report that will be distributed to workers and supervisors subject to the FFD rule. The report will communicate: a) FFD year-to-date statistics, to include: number of personnel tested, number of times personnel have been tested (i.e 10 people 3 times, 5 people 4 times, etc.), and number of positive



Management Actions (cont'd)

results, and b) editorial items written by FFD program managers addressing worker concerns and key issues.

3. On February 8, 1990 NSP's MRO discovered that a blind performance specimen spiked positive for THC had been reported negative by MEDTOX Laboratories, Inc. In accordance with 10CFR26, Appendix A (2.8)(4) NSP submitted a report to the NRC. The report indicated that the only scientific explanation for the negative test result was partial decomposition. Satisfactory blind performance specimen testing throughout the remainder of the reporting period supports this explanation.
4. In April and May of 1990 NSP's Power Supply Quality Assurance area selectively audited significant FFD Program changes implementing 10CFR26. No significant deficiencies were identified. NSP's Power Supply Quality Assurance department has scheduled a 26.80 audit for the final quarter of 1990.
5. NSP has analyzed program performance data for the six (6) month period ending June 30, 1990 and is in the process of revising existing FFD procedures to incorporate enhancements as indicated by the analysis.

Reportable Events

NSP had only one Fitness For Duty Reportable Event as defined in 10CFR26.73 (26.73 (a)(2)(ii)). The event was reported to the NRC on January 12, 1990, the same day the MRO declared the worker's drug test a positive confirmed. The individual was returned to duty in accordance with 10CFR26 on January 26, 1990.