

Director of NRR
 February 29, 1988
 Attachment 1

NORTHERN STATES POWER COMPANY
 Prairie Island Nuclear Generating Plant
 1717 Wakonade Drive East
 Welch, MN 55089

License No. DPR-42/DPR-60 (Unit 1 and Unit 2)

Number of Personnel and Man-Rem by Work and Job Function
 1987

Work & Job Function	Number of Persons > 0.100			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Reactor Ops & Surv						
Operators	2	0	0	1.941	0.0	0.027
Maintenance	0	0	0	1.581	0.428	0.094
Supv & Engr	5	0	0	1.253	0.252	0.204
Health Physics	7	0	1	1.851	0.0	0.676
Instr & Control	1	0	0	0.428	0.0	0.020
Security	0	0	0	0.0	0.0	0.092
Routine Maintenance						
Operators	0	0	0	0.034	0.0	0.0
Maintenance	8	20	0	3.027	7.976	0.014
Supv & Engr	1	0	3	0.377	0.037	1.053
Health Physics	0	0	0	0.009	0.0	0.042
Instr & Control	6	0	0	1.231	0.0	0.0
Security	0	0	0	0.0	0.0	0.0
Special Maintenance						
Operators	1	0	0	1.114	0.0	0.0
Maintenance	31	48	28	9.864	17.884	12.243
Supv & Engr	11	0	25	3.340	0.358	9.376
Health Physics	6	0	2	2.746	0.010	1.772
Instr & Control	2	0	2	0.756	0.0	0.684
Security	0	0	0	0.0	0.0	0.034
Waste Processing						
Operators	0	0	0	0.110	0.0	0.0
Maintenance	3	0	0	2.295	0.085	0.0
Supv & Engr	0	0	0	0.038	0.004	0.010
Health Physics	3	0	1	0.893	0.0	0.338
Instr & Control	0	0	0	0.0	0.0	0.0
Security	0	0	0	0.0	0.0	0.0
Refueling						
Operators	8	0	0	2.662	0.0	0.0
Maintenance	12	34	0	4.232	9.887	0.005
Supv & Engr	1	1	0	0.390	0.265	0.421
Health Physics	2	0	12	0.669	0.0	2.983
Instr & Control	0	0	0	0.0	0.0	0.0
Security	0	0	0	0.0	0.0	0.0

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Inservice Inspection						
Operators	0	0	0	0.041	0.0	0.0
Maintenance	3	13	46	1.397	4.204	18.365
Supv & Engr	1	0	3	0.392	0.044	0.530
Health Physics	0	0	6	0.121	0.0	1.254
Instr & Control	0	0	0	0.0	0.0	0.0
Security	0	0	0	0.0	0.0	0.0
Unassigned Exposure				0.048	0.0	0.0
Sub totals						
Operators	11	0	0	5.902	0.0	0.027
Maintenance	57	115	74	22.396	40.464	30.721
Supv & Engr	19	1	31	5.790	0.960	11.594
Health Physics	18	0	22	6.289	0.010	7.065
Instr & Control	9	0	2	2.415	0.0	0.704
Security	0	0	0	0.0	0.0	0.126
Unassigned				0.048	0.0	0.0
Grand Total	114	116	129	42.840	41.434	50.237
				Total Dose		134.511

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February 29, 1988
Attachment 2

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
SAFETY/RELIEF VALVE FAILURES AND CHALLENGES

1987

This report is made in accordance with NUREG-0737, Item II.K.3.3 and Prairie Island Technical Specification 6.7.A.7 and covers the period of January 1, 1987 through December 31, 1987.

Unit 1 - No failures or challenges

Unit 2 - No failures or challenges



Northern States Power Company

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Minneapolis, Minnesota 55401
Telephone (612) 330-5500

February 29, 1988

Report required by
Prairie Island
Technical Specification
Sections 6.7.A.2 & 6.7.A.7

Director of Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 License No. DPR-42
50-306 DPR-60

Annual Report of Occupational Radiation Exposure and
Safety and Relief Valve Failures and Challenges
January 1 - December 31, 1987

Attached is a copy of the following reports:

- 1) Annual Report of Occupational Exposure
- 2) Annual Report of Safety Valve and Relief Valve Failures and Challenges

These reports satisfy the annual reporting requirements contained in Sections 6.7.A.2 and 6.7.A.7 of Appendix A to DPR-42 and DPR-60 as well as Item II.K.3.3 of NUREG-0737.


David Musolf

Manager - Nuclear Support Services

c: Regional Administrator-III, NRC
Project Manager, NRC
Plant Inspector, NRC

cc: J W Ferman

Attachments

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