

ATTACHMENT 1

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

ANNUAL OCCUPATIONAL EXPOSURE REPORT

1992

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  
**1992**

Work/Job Function	Number of Persons > 0.100			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Reactor Ops/Surv						
Operators	18	0	0	5.276	0.0	0.038
Maintenance	0	2	0	1.423	0.824	0.0
Supv & Engr	0	1	0	0.428	0.425	0.404
Health Physics	7	0	4	1.640	0.0	1.238
Instr & Control	0	0	0	0.213	0.0	0.008
Security	0	0	0	0.0	0.0	0.012
Routine Maintenance						
Operators	0	0	0	0.029	0.0	0.0
Maintenance	18	23	1	5.618	8.654	0.930
Supv & Engr	1	0	5	0.926	0.341	1.613
Health Physics	0	0	1	0.038	0.0	0.562
Instr & Control	9	0	0	1.746	0.045	0.021
Security	0	0	0	0.0	0.0	0.0
Special Maintenance						
Operators	2	0	0	1.282	0.0	0.0
Maintenance	27	112	25	8.338	43.083	8.363
Supv & Engr	8	3	10	2.864	0.729	3.328
Health Physics	9	1	34	2.230	0.243	9.234
Instr & Control	2	0	3	0.692	0.002	1.163
Security	0	0	0	0.0	0.0	0.0

## DPR-42/DPR-60

Work/Job Function	Number of Persons > 0.100			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Waste Processing						
Operators	0	0	0	0.059	0.0	0.0
Maintenance	5	0	0	1.222	0.275	0.0
Supv & Engr	0	0	0	0.009	0.009	0.0
Health Physics	1	0	0	0.598	0.0	0.072
Instr & Control	0	0	0	0.0	0.0	0.0
Security	0	0	0	0.0	0.0	0.012
Refueling						
Operators	1	0	0	0.952	0.0	0.0
Maintenance	36	37	1	16.685	11.929	0.390
Supv & Engr	6	0	0	1.093	0.270	0.123
Health Physics	0	0	3	0.281	0.005	1.012
Instr & Control	0	0	0	0.151	0.010	0.0
Security	0	0	0	0.0	0.0	0.0
Inservice Inspection						
Operators	0	0	0	0.0	0.0	0.0
Maintenance	7	40	35	2.999	13.979	13.073
Supv & Engr	2	2	32	0.623	0.486	12.737
Health Physics	1	1	20	0.151	0.219	4.868
Instr & Control	0	0	25	0.0	0.0	12.925
Security	0	0	0	0.0	0.0	0.0
Sub totals						
Operators	21	0	0	7.598	0.0	0.038
Maintenance	93	214	62	36.285	78.744	22.756
Supv & Engr	17	6	47	5.943	2.260	18.205
Health Physics	18	2	62	5.138	0.467	16.986
Instr & Control	11	0	28	2.802	0.057	14.117
Security	0	0	0	0.0	0.0	0.024
Grand Total	160	222	199	57.766	81.528	72.126
				Total Dose		211.240

ATTACHMENT 2

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

1992

This report is made in accordance with NUREG-0737, Item II.K.3.3 and Prairie Island Technical Specification 6.7.A.1.b and covers the period of January 1, 1992 through December 31, 1992.

Unit 1 - No pressurizer safety and relief valve failures or challenges.

Unit 2 - No pressurizer safety and relief valve failures or challenges.

ATTACHMENT 3

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

PRIMARY COOLANT IODINE SPIKE REPORT

1992

This report is made in accordance with Prairie Island Technical Specification 6.7.A.1.c and covers the period of January 1, 1992 through December 31, 1992.

Prairie Island Technical Specification 3.1.D.1 was not exceeded during 1992.

ATTACHMENT 4

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

10 CFR PART 20, SECTION 20.407 PERSONNEL MONITORING REPORT

1992

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)

ANNUAL 10CFR PART 20.407 REPORTING

1992

DOSE RANGE (REM)	NUMBER OF INDIVIDUALS IN EACH RANGE
No Measureable -----	978
Measureable exposure less than 0.10 -----	376
0.1 to 0.25 -----	170
0.25 to 0.50 -----	157
0.50 to 0.75 -----	78
0.75 to 1.00 -----	36
1.00 to 2.00 -----	28
2.00 to 3.00 -----	0
3.00 to 4.00 -----	0
4.00 to 5.00 -----	0
5.00 to 6.00 -----	0
6.00 to 7.00 -----	0
7.00 to 8.00 -----	0
8.00 to 9.00 -----	0
9.00 to 10.0 -----	0
10.0 to 11.0 -----	0
11.0 to 12.0 -----	0
Greater than 12.0 -----	0
Total number of individuals reported	1823
Total Dose	211.240