



Monticello Nuclear Generating Plant  
2807 West County Road 75  
Monticello, MN 55362-9637

Operated by Nuclear Management  
Company LLC

February 28, 2001

Technical Specification 6.7.A.2

US Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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

Submission of Annual Occupational Exposure Report  
For the Year 2000 in Accordance With  
MNGP Technical Specification 6.7.A.2

In accordance with Monticello Technical Specification Section 6.7.A.2, attached is the Annual Occupational Exposure Report for the Year 2000 for the Monticello Nuclear Generating Plant.

Annual Occupational Exposure Reports submitted for the years 1988 - 1999 listed total exposures in each work and job function rather than just the exposures of personnel greater than 100 mrem/year. As a result, exposure reporting data for 1988 - 1999 was slightly higher (conservative) than actual. That error has been corrected for the current report. Monticello does not intend to submit corrected reports for previous years.

Please contact Sam Shirey at (763) 295-1449 if you require additional information concerning this or previous reports.

Byron D. Day  
Plant Manager  
Monticello Nuclear Generating Plant

cc: Director, Office of Nuclear Regulatory Research  
Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
Minnesota Department of Commerce

Attachment: Annual Occupational Exposure Report for the Year 2000

IE54

# Annual Occupational Exposure Report for the Year 2000

## Monticello Nuclear Generating Plant

Number of Personnel and Man-Rem  
by Work and Job Functions

Work and Job Function	# of Persons > .100 Rem			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Inservice Inspection						
Maintenance Person.	0	83	14	0.000	10.754	4.800
Operating Personnel	9	0	0	0.057	0.000	0.000
Health Physics Per.	4	0	3	0.031	0.000	0.015
Supervisory Person.	0	3	0	0.000	0.214	0.000
Engineering Person.	5	0	12	0.075	0.000	5.920
Routine Maintenance						
Maintenance Person.	40	190	41	11.950	40.719	9.135
Operating Personnel	37	0	0	1.381	0.000	0.000
Health Physics Per.	23	2	17	4.226	0.227	5.511
Supervisory Person.	11	4	4	1.705	0.828	0.344
Engineering Person.	33	12	14	4.545	1.956	2.583
Reactor Operations & Surv						
Maintenance Person.	40	188	42	5.373	11.335	1.285
Operating Personnel	43	0	0	17.901	0.000	0.000
Health Physics Per.	27	2	19	5.016	0.093	1.767
Supervisory Person.	13	5	4	1.474	0.243	0.115
Engineering Person.	36	11	18	8.622	0.693	0.238
Refueling						
Maintenance Person.	22	50	4	2.030	3.291	0.153
Operating Personnel	26	0	0	2.027	0.000	0.000
Health Physics Per.	5	1	4	0.566	0.001	0.305
Supervisory Person.	3	0	0	0.334	0.000	0.000
Engineering Person.	9	0	2	0.603	0.000	0.011
Special Maintenance						
Maintenance Person.	18	160	32	1.655	22.376	2.727
Operating Personnel	4	0	0	0.091	0.000	0.000
Health Physics Per.	8	1	10	0.462	0.051	0.126
Supervisory Person.	3	2	3	0.132	0.070	0.270
Engineering Person.	8	7	10	0.371	0.514	1.488
Waste Processing						
Maintenance Person.	15	16	1	0.386	0.298	0.019
Operating Personnel	3	0	0	0.011	0.000	0.000
Health Physics Per.	10	1	2	0.330	0.005	0.010
Supervisory Person.	2	0	0	0.021	0.000	0.000
Engineering Person.	1	1	0	0.009	0.008	0.000

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## Monticello Nuclear Generating Plant

Number of Personnel and Man-Rem  
by Work and Job Functions

Work and Job Function	# of Persons > .100 Rem			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
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Sub Totals						
Maintenance Person.	135	687	134	21.394	88.773	18.119
Operating Personnel	122	0	0	21.468	0.000	0.000
Health Physics Per.	77	7	55	10.631	0.377	7.734
Supervisory Person.	32	14	11	3.666	1.355	0.729
Engineering Person.	92	31	56	14.225	3.171	10.240
Grand Totals	458	739	256	71.384	93.676	36.822

Total Site Deep Dose for Ind. with >.100 rem = 202.422 rem

**\*\* INDIVIDUALS MAY BE LISTED UNDER MORE THAN ONE WORK AND JOB FUNCTION**

2000 was a refueling year. Total dose for the outage was 176 Rem.

Special Maintenance Items:

- 1) Replaced Rx Water Clean-up inboard and outboard isolation valves.
- 2) Replaced SRV and MSIV nitrogen accumulator tanks and tubing.
- 3) Replaced 121 CRD-113 valves.