



DUB



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February 26, 1986

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PRIORITY ROUTING	
First	Second
HA	IC
IRA	ITC
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CRS	HL
ORSS	HL
ORNA	HL
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FILE *for*

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

Annual Report of Occupational Radiation Exposure and
Safety and Relief Valve Failures and Challenges
January 1 - December 31, 1986

Attached is a copy of the following reports:

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

These reports satisfy the annual reporting requirements contained in
Section 6.7.A.2 of Appendix A to DPR-22.

C E Larson
Vice President - Nuclear Generation

c: Document Control Desk, NRC
NRC Resident Inspector
NRC Project Manager
MPCA
Attn: J W Ferman

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION (1985)

Work & Job Function	Number of Persons > .100			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Rx Ops & Surv						
Operators	47	0	0	22.122	0.0	0.0
Maintenance	39	47	3	14.674	19.216	1.665
Supv & Engr	13	3	8	3.717	1.010	3.057
Health Physics	21	0	11	11.641	0.0	3.183
Instr & Control	7	0	0	1.831	0.111	0.0
Security	0	0	0	0.0	0.0	0.034
Routine Maintenance						
Operators	2	0	0	1.271	0.0	0.0
Maintenance	30	52	8	18.752	19.649	2.682
Supv & Engr	3	0	5	0.676	0.178	2.117
Health Physics	6	0	9	1.596	0.0	2.581
Instr & Control	0	0	0	0.228	0.0	0.0
*Special Maintenance						
Operators	3	0	0	1.089	0.0	0.0
Maintenance	22	125	16	14.169	84.031	10.359
Supv & Engr	7	0	8	2.926	0.217	3.860
Health Physics	5	0	13	1.363	0.0	4.404
Instr & Control	8	0	0	3.496	0.0	0.0
Waste Processing						
Operators	37	0	0	10.538	0.0	0.0
Maintenance	31	17	3	20.219	6.932	0.591
Supv & Engr	2	0	11	0.589	0.018	8.529
Health Physics	7	0	5	3.797	0.0	1.257
Inservice Inspection						
Supv & Engr	0	0	0	0.0	0.0	0.153
Refueling						
Operators	0	0	0	0.0	0.0	0.0
Maintenance	0	0	0	0.0	0.0	0.0
Supv & Engr	0	0	0	0.0	0.0	0.0
Health Physics	0	0	0	0.0	0.0	0.0
Sub Totals						
Operators	89	0	0	35.020	0.0	0.0
Maintenance	122	241	30	67.814	129.828	15.297
Supv & Engr	25	3	32	7.908	1.423	17.716
Health Physics	39	0	38	18.397	0.0	11.425
Instr & Control	15	0	0	5.555	0.111	0.0
Security	0	0	0	0.0	0.0	0.042
Grand Total	290	244	100	134.694	131.362	44.480

*Special Maintenance Items: 1) Channel cutting and disposal, 2) Spent Fuel shipping, 3) CRD Modifications, 4) Hanger and Restraint modifications.

MONTICELLO NUCLEAR GENERATING PLANT
SAFETY/RELIEF VALVE FAILURES AND CHALLENGES

1985

The following is a summary of the safety/relief valve challenges and failures for 1985.

- 1) On June 12, 1985 a reactor scram and MSIV closure resulted in SRV low-low set system actuation. The "H" low low set SRV controlled reactor pressure between 1040 and 960 psig by opening and closing 3 times during the overpressure transient. Reference LER 85-010.
- 2) On October 12, 1985 high SRV discharge line temperature, greater than 200 °F, indicated excessive pilot or second stage leakage on SRV "G". The SRV topworks were replaced during the weekend shutdown.