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August 29, 1994

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

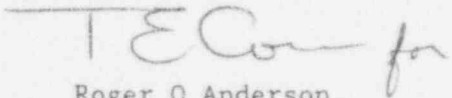
10 CFR Part 50  
Section 50.90

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

Additional Information Concerning Monticello  
License Amendment Request Dated January 3, 1994  
(Safety Relief Valve Surveillance Testing Requirements)

On January 3, 1994, NSP submitted a License Amendment Request concerning Safety Relief Valve (SRV) testing requirements. On August 18, 1994, Beth Wetzel (NRC-NRR) contacted the Monticello Site Licensing staff and requested additional information concerning Monticello historical SRV "as-found" test data in order to facilitate review of NSP's January 3, 1994 submittal. The requested information is provided as Attachment 1 to this letter.

This letter contains no new NRC commitments. Please contact Terry Coss at (612) 295-1449 if you require further information related to this request.

  
Roger O Anderson  
Director  
Licensing and Management Issues

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
State of Minnesota  
Attn: Kris Sanda  
J Silberg

Attachments: Attachment 1 - Monticello As-Found SRV Test Results

000101  
9409120268 940829  
PDR ADDCK 05000263  
P PDR

*Acc 1*

## Attachment 1

MONTICELLO AS-FOUND SRV TEST RESULTS

Note: Data identified with an asterisk (\*) did not meet as-found acceptance value

Year	SRV S/N	Set Pressure (PSIG)			Acceptance Value(1)
		Lift 1	Lift 2	Lift 3	
1993	122	1107	1106	1140* (2)	1076 - 1131
	217	1101	1101	1098	1076 - 1131
1991	(3)				
1990	5	1120	1121	1113	1076 - 1131
	53	1117	1122	1118	1076 - 1131
	242	1126	1130	1123	1076 - 1131
	195	1109	1110	1106	1076 - 1131
	194	1100	1111	1101	1076 - 1131
	217	1132*	1122	1112	1076 - 1131
	122	1137*	1140*	1134*	1076 - 1131
	6	1089	1088	1084	1076 - 1131
	4	1114	1114	1112	1076 - 1131
1988	7	1101	1109	1101	1076 - 1131
	196	1100	1098	1092	1076 - 1131
	123	1110	1111	1111	1076 - 1131
	208	1116	1116	1109	1076 - 1131
	119	1105	(4)		1076 - 1131
	170	1100	1097	1097	1076 - 1131
	169	1101	1109	1102	1076 - 1131
	195	1096	1087	1095	1076 - 1131
1987	177	1110	1086	1110	1076 - 1131
	216	1108	1104	(4)	1076 - 1131
	217	1082	1093	1088	1076 - 1131
	194	1111	1111	1114	1076 - 1131

- NOTES: (1) The setpoint of the SRV's is presently 1109 PSIG. The as-found acceptance criteria is 1076 - 1131 PSIG. However, the valves are only designed to maintain their setpoint tolerance over the operating cycle to  $\pm 3\%$  or 1075 - 1142 PSIG. Therefore, the as-found acceptance criteria is more stringent than what the valves are designed to provide. The as-found acceptance criteria now used for Monticello is 1109 PSIG  $\pm 1\%$  or 1098 - 1121 PSIG. It should be noted that all lift points listed above were within the design tolerances of the valve.
- (2) The edition of the ASME test code currently in effect at Monticello only requires two lifts during testing. We have been doing three because that's the number of lifts we use for as-found testing. In the future we plan to do two lifts for as-found testing and three lifts

for as-left testing. Because the third lift of this valve was out of the acceptance range, a fourth lift was performed for informational purposes and the resulting lift pressure measured was 1109 PSIG.

- (3) The edition of the ASME test code in effect at Monticello prior to and including 1991 did not require as-found testing if the valves were overhauled and as-left tested. Since we intend to continue to overhaul all removed valves, and because prior as-found testing revealed no problems, it was discontinued in 1991. However, a new test code went into effect in 1993 which required a minimum of 20% of the valves be as-found tested.
- (4) Three lifts could not be performed because of problems with the slave units used during as-found testing.