Northern States Power Company

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August 17, 1993

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

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

Additional Information Concerning Initiating Events
used in the Monticello Individual Plant Examination
(IPE) Submittal - Generic Letter 88-20 (TAC No. M74435)

As requested by Mr. E Rodrick (NRC-RES/SAIB) during a telephone conversation with Mr. T Coss (NSP) and Mr R Rohrer (NSP) on August 4, 1993, we are hereby providing additional information concerning the relative importance of the various initiating events used in the development of our Individual Plant Examination (IPE). The probability of the most important initiating events and the overall contribution to core damage frequency is provided as Attachment A.

This letter contains no new NRC commitments, nor does it modify any previous commitments.

Please contact Terry Coss, Sr Licensing Engineer, at (612) 295-1449 if you require additional information.

Melford T. Opsal

for Roger O Anderson
Director
Licensing and Management Issues

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

Attachment A: Monticello Initiating Event Importance

A001

Attachment A

Monticello Initiating Event Importance

Initiating Event	CDF/yr	% Core Damage
Loss of Offsite Power	1.33E-05	50.8%
Turbine Building 931' Service Water Flood	2.47E-06	9.4%
Rx Bldg 896' and higher Service Water Flood	2.44E-06	9.3%
Turbine Trip	1.82E-06	7.0%
Turbine Building 911' Service Water Flood	1.74E-06	6.6%
Loss of Feedwater	9.96E-07	3.8%
Manual Shutdown	6.92E-07	2.6%
MSIV Closure	6.86E-07	2.6%
Medium LOCA	4.98E-07	1.9%
Large LOCA	3.20E-07	1.2%
Small LOCA	2.24E-07	0.9%
Loss of Condenser Vacuum	2.05E-07	0.8%
Torus Ring Header Break	1.93E-07	0.7%
ATWS without Turbine Trip	1.16E-07	0.4%
West Diesel Gen Room Flood	9.54E-08	0.4%
Reference Leg Leak	8.67E-08	0.3%
Condensate Service Water Flood	8.25E-08	0.3%
Loss of Service Water	7.31E-08	0.3%
Loss of Instrument Air	4.72E-08	0.2%
Southeast RHR Room Flood	3.07E-08	0.1%
Turbine Building 931' West Flood	2.41E-08	0.1%
Southwest RHR Room Flood	2.24E-08	0.1%
Loss of a DC 125 Volt Bus	1.33E-08	0.1%
Loss of Drywell Cooling	5.50E-09	0.0%
Total	2.62E-05	100.0%