



Northern States Power Company

Monticello Nuclear Generating Plant
2807 West Hwy 75
Monticello, Minnesota 55362-9637

May 14, 1996

Technical Specifications
6.7.A.7

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

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

Submittal of the Core Operating Limits Report for Cycle 18

The Core Operating Limits Report (COLR) for Cycle 18, Rev 0, is enclosed. This report provides the values of the limits for Cycle 18 as required by Technical Specification Section 6.7.A.7. These values have been established using NRC approved methodology and such that all applicable limits of the plant safety analysis are met.

It is noted that this COLR incorporates changes given in a May 8, 1996 notification letter from General Electric (Reference 1) with regard to the Safety Limit Minimum Critical Power Ratio (SLMCPR). This letter reads in part:

"For your plant, the maximum value for the SLMCPR is 1.08. Based on the Tech Spec value of 1.07, the impact on your plant is 0.01. Please note that the GE 12 LUAs to be loaded in Cycle 18 are not impacted by this analysis.

In accordance with a verbal agreement with the NRC, you should modify your MCPR limits in your core monitoring system to reflect an increase in your MCPR operating limit of 0.01 in lieu of your current administrative limit (if one has been imposed)."

In response to this notification, the COLR was changed to reflect a SLMCPR of 1.08 for all fuel in Cycle 18 except for the four GE12 LUAs. This change was implemented by increasing the Operating Limit MCPR (OLMCPR) value from 1.42 to 1.43 (for rated conditions). The power and flow dependent MCPR curves (Figures 3 and 4) were reviewed to assure their continued applicability.

The appropriate OLMCPR values in our core monitoring system will be changed prior to plant startup.

200110

9605200437 960514
PDR ADOCK 05000263
P PDR

402 1/1

USNRC
May 14, 1996
Page 2

Please contact Mel Opstad at 612-295-1653 if you have any questions related to this submittal.

William J Hill

William J Hill
Plant Manager
Monticello Nuclear Generating Plant

c: Regional Administrator-III, NRC
NRR Project Mgr, NRC
NRC Resident Inspector
MPCA
Attn: Kris Sanda
J Silberg

Enclosure: Core Operating Limits Report for Cycle 18 (Rev 0)

Reference 1: Letter no. CJP2:96-118 dated May 8, 1996 from C J Papandrea (GE Nuclear) to Kirk S Schnoebelen (NSP) entitled "Safety Limit MCPR Calculation for Monticello Cycle 18"