Exhibit D

Monticello Nuclear Generating Plant

License Amendment Request dated January 4, 1994

Proposed Revision to the Core Operating Limits Report

Exhibit D consists of the existing page 1 of 8 from the Monticello Core Operating Limits Report marked up with the proposed changes based on approval of this proposed amendment.

This report provides the values of the limits for Cycle 16 as required by Technical Specification Section 6.7.A.7. These values have been established using NRC approved methodology and are established such that all applicable limits of the plant safety analysis are met.

Rod Block Monitor Operability Requirements

The MCPR limit associated with the Rod Block Monitor operability is:

if thermal power < 90% of rated and MCPR < 1.72 or

if thermal power ≥ 90% of rated and MCPR < 1.55.

Reference Technical Specification Section: 3.2.C.2.a

Rod Block Monitor Upscale Trip Setpoints

Low Trip Setpoint (LTSP)	≤	120/125 of full scale
Intermediate Trip Setpoint (ITSP)	≤	115/125 of full scale
High Trip Setpoint (HTSP)	≤	110/125 of full scale

(These values are unchanged from the Cycle 15 trip setpoints)

Reference Technical Specification Sections: Table 3.2.3 Item 4.a, Table 3.2.3 Note 8.

Maximum Average Linear Heat Generation Rate as a function of Exposure

When hand calculations are required, the Maximum Average Linear Heat Generation Rate (MAPLHGR) for each fuel bundle design as a function of average planer exposure shall not exceed the limiting lattice (excluding natural uranium) provided in Table 1 (based on straight line interpolation between data points) multiplied by the smaller of the two MAPFAC factors determined from Figures 1 and 2.

The MAPLHGR limits in Table 1 are conservative values bounding all the fuel lattice types (excluding natural uranium) in a given fuel bundle design and are intended only for use in hand calculations as described in Technical Specification 3.11.A Channel bow effects are included in the bounding MAPLHGR values below. ~~MAPLHGR limits for each individual fuel lattice design in a bundle design, with appropriate channel bow adjustments are loaded in the process computer and are used in core monitoring calculations.~~

Reference Technical Specification Section: 3.11.A.

MAPLHGR limits for each individual fuel lattice design in a bundle design as a function of axial location and average planar exposure, with appropriate channel bow adjustments, are determined based on the approved methodology referenced in Monticello Technical Specification 6.7.A.7.b and loaded in the process computer for use in core monitoring calculations.