

PDR

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Docket No. 50-263

SEP 30 1975

Karl Goller, Assistant Director for Operating Reactors, RL

REVIEW OF MONTICELLO APPENDIX K CALCULATIONS AND GETAB TECH SPECS (TAR-1516)

Plant Name: Monticello  
Docket No.: 50-263  
Responsible Branch and Project Leader: ORB-2, B. Buckley  
Technical Review Branch Involved: Reactor Systems Branch  
Review Status: Complete

Enclosed is the Reactor Systems Branch evaluation of the conformance of Monticello's ECCS performance to the requirements of Appendix K to 10 CFR Part 50, and of the proposed Technical Specification changes incorporating the GETAB/GEXL analysis. Both were found acceptable with the restrictions noted below.

The submittal did not address operation with one loop and the license should be amended by a change to the Technical Specifications to reflect this. The valves in the equalizer piping between the recirculation loops shall be closed at all times during reactor operation, and the reactor shall not be continuously operated with one recirculation loop out of service. We recommend that operation with one loop be limited to 24 hours.

Also, the Technical Specifications should be modified so as not to allow continuous operation with any ADS valve out of service. Since the licensee did not provide a LOCA analyses by assuming the operation of the ADS with one valve out of service for small line breaks and an HPCI failure, we recommend a limit of seven days for an ADS valve to be out of service which is compatible to the outage time of the HPCI system.

Finally, the additional changes, included in Mr. L. O. Mayer's July 10, 1975 letter to D. L. Ziemann, requesting changes in the slope of the APRM scram and rod block settings are not acceptable as discussed in the enclosed SER.

Original Signed By  
Victor Stello

Victor Stello, Jr., Assistant Director  
for Reactor Safety  
Division of Technical Review  
Office of Nuclear Reactor Regulation

Enclosure:  
SER Review

MEMO

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