UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAY 1 5 1975

Docket No. 50-263

Karl Goller, Assistant Director for Operating Reactors, RL

MONTICELLO - PROPOSED TECH. SPEC. CHANGES TO INCORPORATE GETAB/GEXL
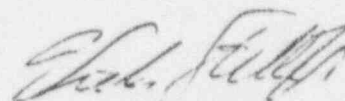   (TAR-1516)

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

The Monticello technical specification changes required to change
from Hench-Levy to GETAB/GEXL thermo-hydraulic limits have been
reviewed by the Reactor Systems Branch. Additional information
is required to evaluate the acceptability of the changes. The
required additional information is identified in the enclosure.

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

Enclosure:
Request for Additional
   Information

cc: S. Hanauer
    F. Schroeder
    A. Giambusso
    W. McDonald
    D. Ziemann
    B. Buckley
    T. Novak
    W. Hodges

REQUEST FOR ADDITIONAL INFORMATION
ON MONTICELLO TECH SPEC CHANGES (TAR-1516)

1. The APRM flux scram trip setting equation is the same as that
    given for 7 x 7 geometry using the Hench-Levy CHF correlation.
    The APRM trip setting equations should probably be changed to
    be consistent with the new GEXL/GETAB Analysis as was done for
    Quad Cities. Either provide the new form with justification
    for its constants or justify retaining the old form and constants
    with the new GEXL/GETAB Analysis.

    Also, the APRM flux scram trip setting equation for the 8 x 8
    fuel is different from that given for 7 x 7 fuel. Explain the
    difference.

2. Does the relative bundle to bundle power distribution used in
    the GETAB statistical analysis for Monticello remain fixed
    throughout the analysis? If not, how does it vary, and why?
    If yes, show that the peak radial power factor used is the
    maximum obtainable during the cycle.