ERRATA

<u>Report</u>: YAEC-1235, "Methods for the Analysis of Boiling Water Reactors, Transient Thermal Margin Analysis Code (MAYU04-YAEC)", K. J. Burns, December 29, 1980.

<u>Change Description</u>:

1. Insert page 17 (enclosed).

(2) Pressure transients in which sonic effects are not significant.

(3) Transients in which subcooled voids and thermal nonequilibrium are not important.

(4) Transients in which total flow reversal does not occur.

The code's thermal-hydraulic calculations can be performed for single-phase liquid, two-phase nucleate boiling, two-phase film boiling and single-phase vapor flow. In addition, the drift flux formulation used in the conservation equations allows for both co-current upflow and countercurrent flow. It is expected, however, that the code will be applied primarily to the single-phase liquid and two-phase nucleate boiling flow regimes in co-current upflow.