M E M O R A N D U M

DATE: JULY 27, 1995

TO: WHOM IT MAY CONCERN

FROM: Rob Davenport/Roy Michel

RE: BKMF CONFIGURATIONS

The **MOTORFIELD** board has two main configurations:

1) NO Attenuator board: Required when Vin<300v

Remove the on-board SCR and the current sensor

Add 3 leads in U1 (LA25 current sensor) and 2 leads in U5 (L313 SCR).

2) Attenuator board included: Required when Vin>300v.

Remove the RC network.

Remove the on-board SCR and the current sensor

Add 3 leads in U1 (LA25 current sensor) and 2 leads in U5 (L313 SCR).

The **BRAKE** board has four configurations. These include:

1. Standard BK board for low voltage and low current.

Required when Vin<300v and I<10 amps.

No modifications or attenuator board are required.

2. Standard BK board with attenuator for high voltage and low current.

Required when Vin>300vac and I<10a

The RC network is removed from the board.

3. Modified BK board for low voltage and high current.

Required when Vin<300v and I>10a

Remove the on-board SCR and add 2 leads for the external SCR.

4. Modified BK board for high voltage and high current.
5. Required when Vin>300v and I>10a
6. Remove the on-board SCR and add 2 leads for the external SCR and
7. Remove the RC network

For a full description of test procedures and complete list of modifications to be made on all incoming BKMF boards please refer to “CEC BKMF-CONTROL TEST PROCEDURES” (document number:000007-001)