

TECHNICAL BULLETIN

► *Take Action During Your Next Visit* ◀



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Reference 112
Route to **Service Manager/Modernization Manager/Construction Manager**
From MCE Technical Support Department (916/463-9200 then touch "6")
Distribution Installing contractor: All affected units
Date July 26, 1999
Pages 1
Enclosures Wiring Change: Rewiring Diagram and Instructions (one page)
Software Change: Software Replacement Instructions (three pages)
Affected Job Listing
Materials For each controller: Wire Nuts (3) MCE part #19-05-0001 and EPROM (1)
Subject **IMC Controllers: Earthquake Counterweight Derailment**

Description

WIRING CHANGE

Under some circumstances a car equipped with earthquake operation and counterweight derailment detection may stop, then move toward the counterweight if the main processor (MP) is reset while the car is on earthquake operation.

While unlikely, any movement of the car toward the counterweight under these conditions is unacceptable.

All IMC family controllers equipped with earthquake operation and counterweight derailment detection are affected.

SOFTWARE CHANGE

Under some circumstances a car equipped with earthquake operation and counterweight derailment detection may stop and fail to restart if the safety relay drops after activation of the counterweight derailment input.

While this occurrence is rare it represents an entrapment potential. Affected elevators are those with IMC family controllers as part of the M3 Group System (not simplex) equipped with earthquake operation and counterweight derailment detection.

Action

Rewire the the HC-EQ2 board eyelets "3" and "CI2". They must be disconnected from the "3" bus, and reattached to the "2" bus (see rewiring diagram enclosed).

Update wiring diagrams to reflect these changes.

MCE has identified the affected controllers and a replacement EPROM has been provided. No readjustment will be needed.

MCE Help

As always, should you require technical assistance on this or other issues:

- ! Telephone 916/463-9200
- ! Touch "6" for Technical Support
- ! **Refer to the reference number above**

If you no longer maintain this equipment, please notify MCE so we may forward this important information to the current maintenance contractor or building owner.