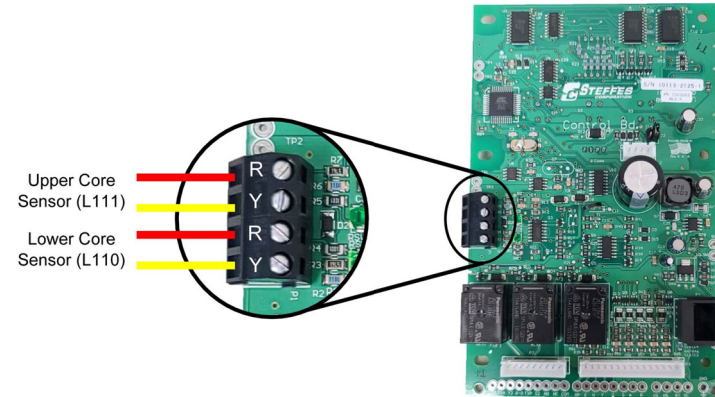
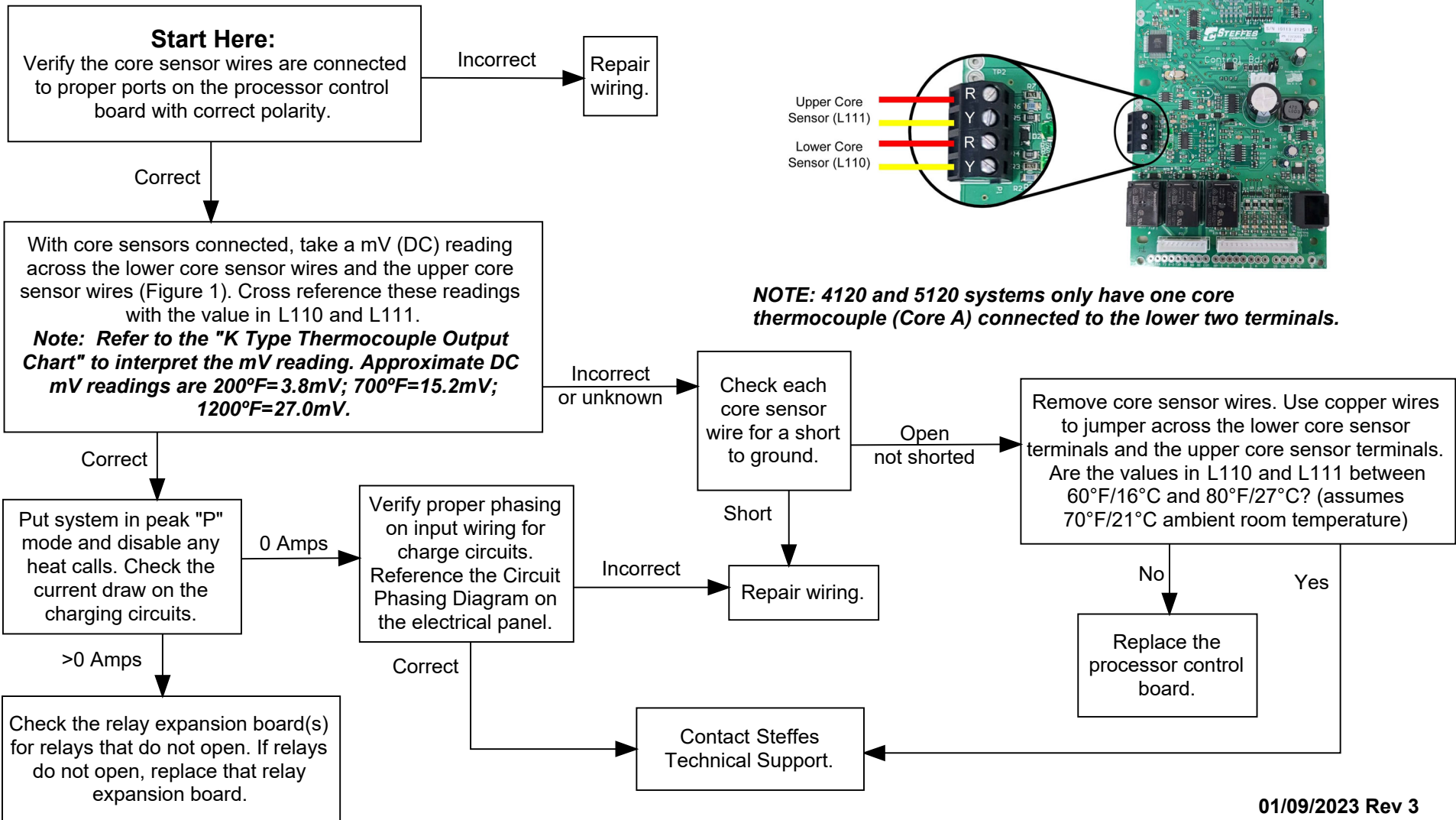


Error 1 and 2 - 3100/4100/5100

Error 1 corresponds to the lower core (Core A) and Error 2 the upper core (Core B). The errors indicate that the core sensor (thermocouple) temperature is out of normal operating range. Error 1 and 2 are triggered when the sensed core temperature exceeds 200° F/93° C above the maximum core temperature Location 40 (L040) or lower than -100° F/-73° C. A defective core sensor or a circuit board which is out of calibration can cause this. A stuck relay causing an element to stay on, improper phasing of input power, or a strong Radio Frequency (RF) interference may be other causes.

Verify the lower core sensor wires are connected to the lower two terminals and the upper core sensor wires are connected to the upper two terminals on the processor control board. Verify the polarity of the red and yellow wires.



NOTE: 4120 and 5120 systems only have one core thermocouple (Core A) connected to the lower two terminals.