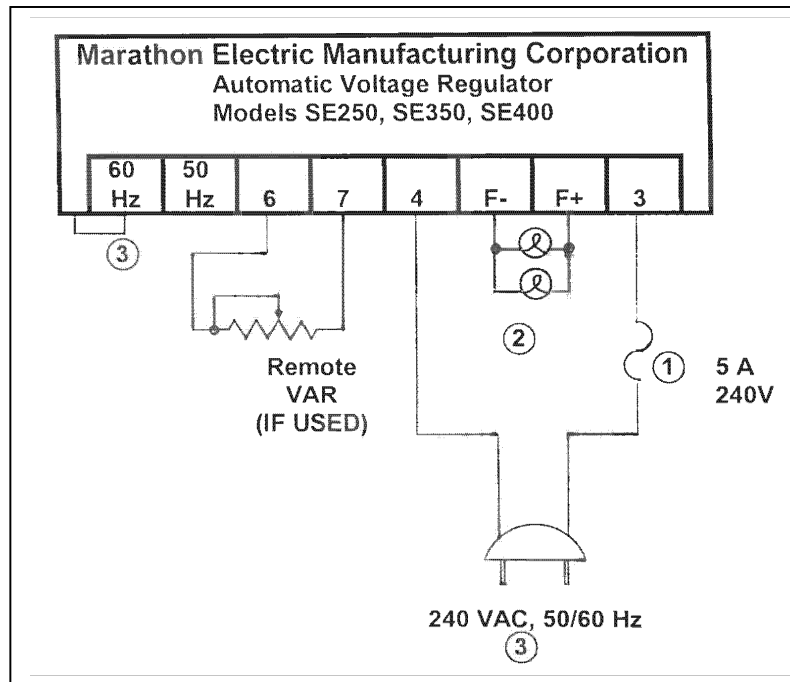




## AUTOMATIC VOLTAGE REGULATOR OPERATIONAL TEST



### OPERATIONAL TEST PROCEDURE

- Connect the test setup as shown in Figure 1. Do not apply power. Insure that the light bulbs are 120 volts, and less than 100 watts.
- Adjust the regulator VAR and/or remote VAR and the STABILITY ADJUST to maximum CCW
- Apply 240 volts, 50/60 Hz power to the regulator. The light bulbs should illuminate.
- Slowly adjust the regulator VAR control CW. At the regulation point, the light bulbs should extinguish. Small adjustments above and below this level should cause the light bulbs to go off and on. Note that the light bulbs go on and off rapidly.
- Rotate the STABILITY ADJUST fully CW. Now adjust the regulator VAR above and below the regulation point. The light bulbs should still go off and on, but the transition from off to on (and vice versa) should be much slower than in "d." above.