OVERVIEW

Revisions of the CPU10 prior to REV 040914 have a problem at power shutdown if the Linux version software shutdown is used.

SYMPTOM

Systems using a PLC15/15 or an RTK2 with a Linux based control may see outputs turn on un commanded a brief moment if the POWEROFF F10 button is used to shut down the control before the main power is disconnected. The outputs are latched for a brief time (less than a second) then they will all shut off. This is a problem with the CPU10 Rev 040325 board with a CPU711 PIC in U23 required for PLC15/15 or RTK2. REV 040914 boards do not have this problem.

Solution

If the momentary output blip causes an error then the REV 040914 of CPU10 must be used. Shutting power off at the magnetics cabinet will prevent the PLC 15/15 or RTK2 from blipping but this method of power off may corrupt files in the Linux software system.

Document History

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