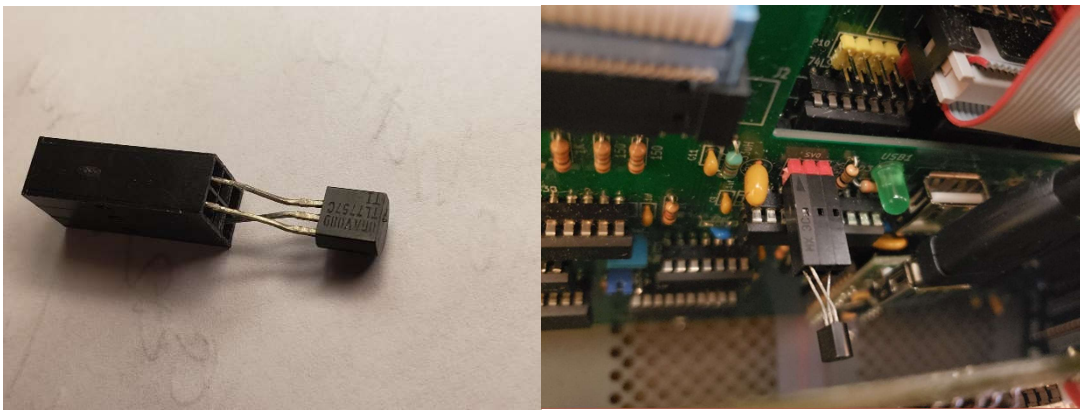
Issue: Voltage leakage through floppy or GoTek drives is large enough to cause the ATTINY HSFE microcontroller to power on in an unpredictable state unless AC power is applied first to the H8, then the H17/37 drives.

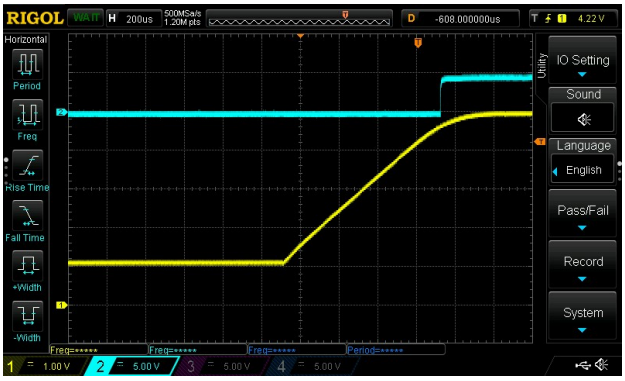
Solutions: A timed power sequencer can be used to control the startup order. First, power is applied to the H8, then several seconds later, the H17/37 drive cabinet is powered up. A commercial sequencer can be used: https://www.amazon.com/Monoprice-Power-Conditioner-Sequencer-Outlets/dp/B01MYNCACV/ref=sr_1_2?dchild=1&keywords=power+sequencer&qid=1615274492&sr=8-2

Or you may have parts on-hand to build a simple sequencer. An ELK-960 delay timer and a trip to the spare parts bin made a simple sequencer:

Another solution is to use a TL7757 reset controller plugged into the HSFE controller programming header on the H17 daughterboard. Since power and reset signals are available on that header, there is no board modification required:



The TL7757 keeps the RESET line low (active) until power has stabilized:



CYAN = RESET, YELLOW = +5v TO HSFE ATTINY

Voltage leakage through the H17/37 drives keeps the ATTINY power off voltage above 1.0v. That's enough to cause it to start up in an unpredictable state. The TL7757 keeps RESET active until the +5v supply reaches about 4.8v, and guarantees a clean startup.