

LEQPS Upgrade Hints, Lies, and Allegations...

Any OLD cards installed in a supply MUST be replaced with OLD cards. Do not attempt to replace an OLD card with a NEW card, immediate front circuit breaker trips may be the result.

If the front circuit breaker trips immediately

- Replace NEW P3 with OLD P3
- Replace NEW P2 with OLD P2
- Follow old guidelines

When the P5 card is changed timing MUST be checked/adjusted. It must be adjusted so the negative peak is at 235us after SCOPE TRIGGER. Call linac on-call if necessary.

If the output of the supply is bouncing, P3 timing could be the issue

- To adjust:
 - Trigger on SCOPE TRIGGER for the LRF station
 - Attach scope probe to TP-2 (TP=test point) on the P3 card
 - The TOP TP loop on the front (closest to you) of the board
 - Ground is not important
 - Adjust R24 (potentiometer) on the front of the P3 for a positive transition, at TP-2, at 57ms after trigger

Please place failures in the locker to the north of the power supplies, labeled LEQPS, on the top shelf, thanks!