

Filename = DynVoltageRegReplacePro2.doc, 11/9/01 **Please contact Don Bruno before using this.**
Procedure for replacing the Voltage Regulator card in any Dynapower power supply

1. Go to the spares locker in 1004B and find a Dynapower Voltage Regulator card.
2. Take the Voltage regulator card to the service building you are working on.
3. Go to the p.s. you are working on.
4. Put the p.s. in LOCAL with the LOCAL / REMOTE switch. Then place in STANDBY state and measure the DCOC setting on the front of the existing voltage regulator card by putting the negative probe in "COMMON" test point and the positive probe in the "DC OVERCUR." test point. Write this voltage down. Use a fluke handheld DVM for this measurement.
5. Remove the leads. Put the p.s. in the OFF state. All the lights should be off on the Voltage regulator card in the 3u chassis card slot now.
6. Carefully and slowly remove the Voltage regulator card from the 3u chassis card slot
7. Take the new Voltage Regulator card and plug it into the slot that the original voltage regulator card came out of.
8. Put the Power Supply in STANDBY. Measure the DCOC setting by putting the negative probe in "COMMON" test point and the positive probe in the "DC OVERCUR." test point. Adjust the DC OVERCUR. Potentiometer until the DC OVERCUR voltage you are now reading matches the original DC OVERCUR measurement you wrote down.
9. You are done, put the p.s. in Remote, Standby and hand over to main control. Please make sure the LOCAL/REMOTE switch on the control card, voltage regulator card and current regulator card are all in Remote. They are all in remote if the yellow Remote light lights up on the control card next to the LOCAL/REMOTE switch on the control card.