Z1 DDCU ACTIVATION FROM P6

1. <u>VERIFY SOURCE POWER AND CLOSE RBI 6</u>

PCS P6: EPS: DCSU 4B(2B)

DCSU 4B(2B)

√Vbus: 146 --- 165 V
sel RBI 6
cmd Close Arm
cmd Close
√RBI 6 Position - Cl
√RBI 6 Voltage: 146 --- 165 V
√RBI 6 Current < 8 Amps

2. <u>ENABLE DDCU Z14B(3B) REMOTE TERMINAL</u>

sel DDCU Z14B(3B)
sel Firmware
cmd RT - Enable
√RT Enable - X
cmd Cmd Clear
√Integ Counter - incrementing

3. <u>VERIFY DDCU Z14B(3B) INPUT AND OUTPUT POWER</u>

√Vin: 144 --- 166 V
√Iin < 4 Amps
√Vout < 5 V
√Iout < 4 Amps

4. <u>TURN DDCU Z14B(3B) CONVERTER ON</u>

sel Converter
cmd Conv On Arm
cmd Conv On
√Vout > 121 --- 128 V
√Iout ~4 Amps
√Converter Temp < 87° C
√Pwr Supply Temp < 87° C
√Baseplate Temp < 87° C

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*************************************************************************
*  If DDCU output voltage, current or temperatures go out of range  *
*       Perform DDCU MALFUNCTION, all (SODF: EPS), then:            *
*************************************************************************
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5. <u>VERIFY RPCMS OPERATION</u>

sel RPCM [X] [X] = [A] [B] [C]

sel Firmware
cmd RT - Enable
√RT Enable - X
cmd Cmd Clear
√Integ Counter - incrementing
√RPCs (1 --- 18) Open
√Input Current < 4 Amps
√Input Voltage: 121 --- 128V
√Baseplate Temp < 49° C

Repeat