

03.114 Fuel Cell Activation (03. ECLSS)

OBJECTIVE:

To place one or both of the fuel cells in Operate mode to return to nominal activities.

EQUIPMENT:

PPE safety glasses

Orange caution cone 1x

L1C Subf 1. ACTIVATE FUEL CELLS

- 1.1 Remove floor panel 1C and temp stow. Place orange caution cone to side of opening.
- 1.2 Don PPE safety glasses.

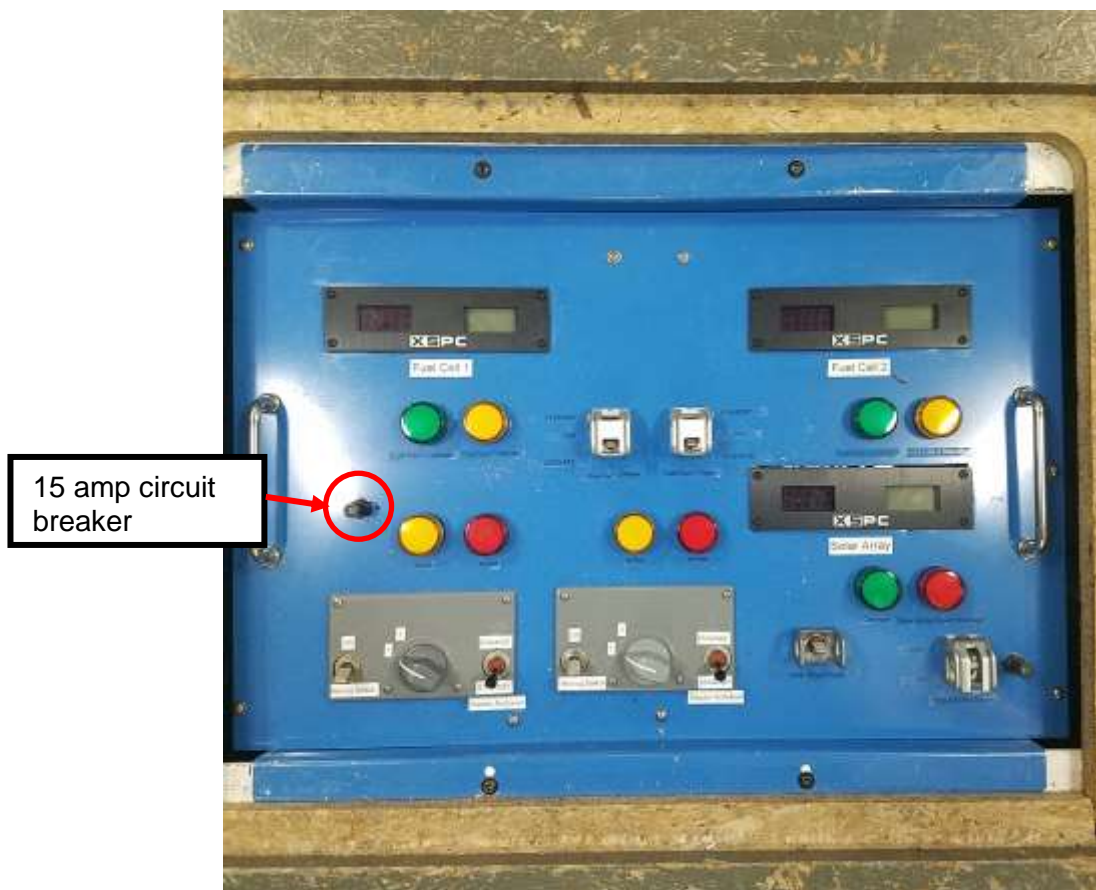


Figure 1: Fuel Cell Control Panel

- 1.3 Check 15 amp circuit breaker is not tripped by verifying there is no white ring visible on the circuit breaker (see Figure 1).

If tripped, contact MCC.

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- 1.4 Check fuel cell 1 and 2 yellow standby lights are illuminated and green operate lights are off (see Figure 2).



Figure 2: Fuel Cell Standby Light

NOTE

Fuel cell power switch has three positions:

Down = Operate Mode

Neutral (Center) = Power Removed

Up = Standby Mode

- 1.5 Lift switch guards and flip power switches for fuel cell 1 and 2 power to Operate Mode.



Figure 3: Fuel Cell Operate Light

- 1.6 Check fuel cell 1 and 2 green operate lights are illuminated (see Figure 3).
- 1.7 Close switch guards for fuel cells 1 and 2.
- 1.8 Doff PPE safety glasses.
- 1.9 Retrieve and reinstall floor panel 1C.

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1.10 Stow all equipment.