

03.112 Fuel Cell Standby

(03. HSS Procedure)

OBJECTIVE:

To place one or both of the fuel cells in standby mode for maintenance or off-nominal activities.

EQUIPMENT:

PPE safety glasses

Orange caution cone

L1C Subf

1. SAFE FUEL CELLS (IF ACTIVATED)

1.1 Remove floor panel 1C and temp stow. Place orange caution cone to side of opening.

1.2 Don PPE safety glasses.

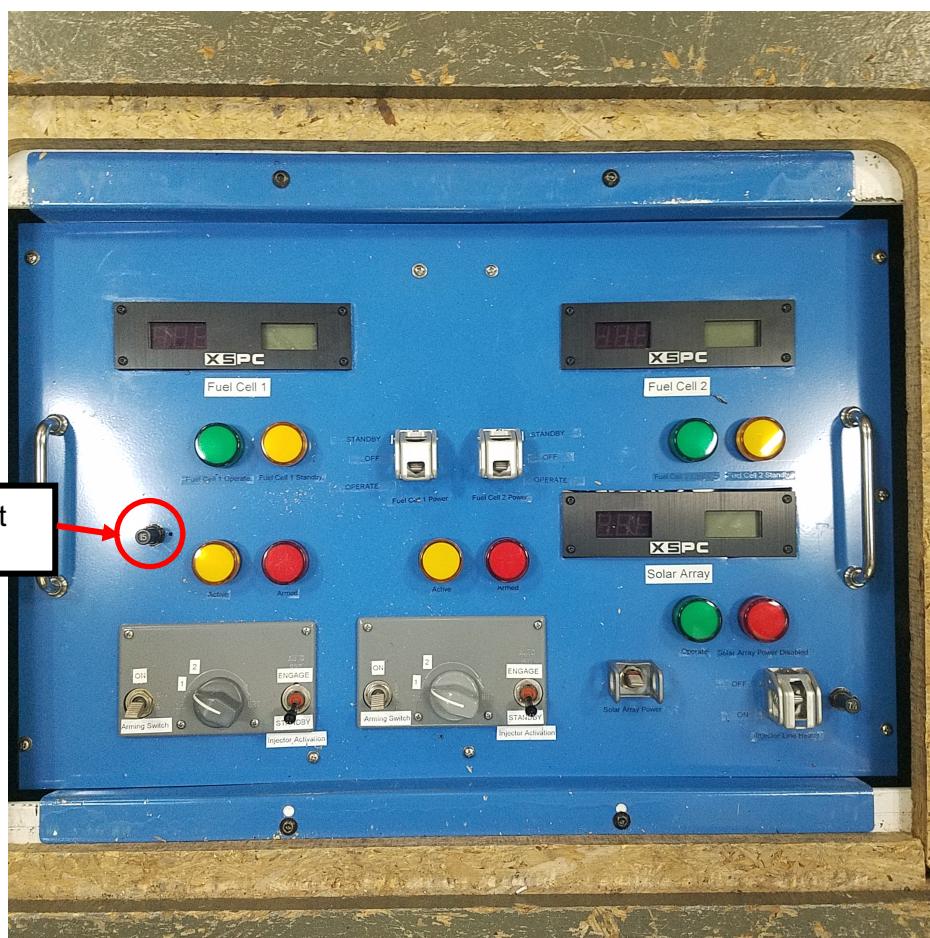


Figure 1: Fuel Cell Control Panel

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, reset by pressing down. Report to MCC and then proceed.

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- 1.4 Check fuel cell 1 and 2 green operating lights are illuminated (see Figure 2).



Figure 2: Fuel Cell Operating Light

NOTE

Fuel Cell power switch has three positions:
Down = Operate Mode
Neutral (Center) = Power Removed
Up = Standby Mode

- 1.5 Lift switch guards for fuel cells 1 and 2 power and flip power to Standby Mode.
- 1.6 Check fuel cell 1 and 2 yellow standby lights are illuminated and green operating lights are off (see Figure 3).



Figure 3: Fuel Cell Standby Light

- 1.7 Doff PPE safety glasses.
- 1.8 Retrieve and reinstall floor panel 1C.
- 1.9 Stow all equipment.