



## 1. SCOPE

This SOP describes the steps to safely start-up, restart, and shutdown the 3T GE MR750 system.

## 2. PROCEDURES

### a. System Start-Up Procedure

➤ Cabinet/Equipment Start-Up (Figure 1):

1. On the panel at the back of the equipment room, ensure the PDU switch is in the “ON” position. If the PDU has been tripped please follow the procedure in section B below: “System Restart After Power Failure.”
2. In the equipment room, locate the PGR cabinet (1<sup>st</sup> cabinet on the left beyond the door).
3. Turn on the PDU (very bottom of PGR cabinet) by turning the lever to the horizontal position and then back to the vertical position.
4. Press the green “EMO RESET” button.



Figure 1.

➤ Software Start-Up:

5. Press the black start button located on the main MRI system computer on the left-hand side of the console.

6. Wait for the system to load up to the login screen.

- Enter login information.
- Username: sdc
- Password: adw2.0

## b. System Restart After Power Failure

1. On the panel at the back of the equipment room, check the PDU switch to ensure it has not tripped. If it has tripped, pull the switch down to the “**OFF**” position and then up fully to the “**ON**” position to reset the breaker. Then press the green “**POWER ON**” button (far left side of panel shown in Figure 2).
- In an event that the HEC switch has been tripped, or is in the “**OFF**” position, please notify the MRI facility manager immediately.

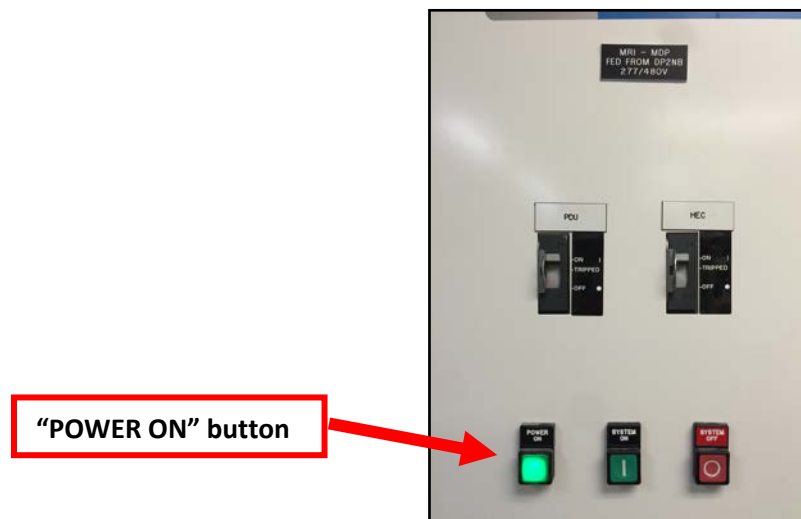


Figure 2.

2. Press the “**EMO RESET**” button located at the bottom of the PGR cabinet.
- The PDU may have to be restarted first to regain power to the PGR cabinet by turning the lever horizontally and then back down to the vertical position.
3. Press the black start button located on the main MRI system computer on the left-hand side of the console.
4. Wait for the system to load up to the login screen.
- Enter login information.
- Username: sdc
- Password: adw2.0

## c. System Shutdown Procedure

- When troubleshooting the system please ensure a TPS reset and/or system restart has been attempted prior to a full system shutdown.
- Software Shutdown:
  1. Click the “Toolbox” icon at the top of the console.
  2. From the dropdown menu, select “system shutdown.”
  3. When performing a shutdown, it may take up to 30 seconds for the system to respond.
- Cabinet/Equipment Shutdown (Figure 3):
  4. In the equipment room, locate the PGR cabinet (1<sup>st</sup> cabinet on the left beyond the door).
  5. Shutdown the PDU (very bottom of PGR cabinet) by pressing the red “**POWER OFF**” button. Please ensure that the system software is shutdown prior to this step.
  6. On the panel at the back of the equipment room, pull the PDU switch down to the “**OFF**” position.
- To start the system back up please follow the procedure in section A above: “System Start-Up Procedure.”



Figure 3.