

Power Up and Down Procedures [E]

This appendix explains how to power up and power down a CRAY J90se system mainframe cabinet

Procedure 42: Powering up a CRAY J90se system

After the system workstation (SWS) has been installed and powered up, perform the following steps in the system console window to continue with the power up procedure:

1. Log in as `crayadm`.
2. Enter `initial0` when the system asks you for the password. A command tool window opens.
3. Verify the date and time by entering `DATE`. Correct the values if necessary. (For additional information, see the *Read Me First* documentation that came with your system.)
4. Place each circuit breaker to the ON position.
5. Ensure that the System Ready LED on the Central Control Unit (CCU) is illuminated.
6. Close doors of all cabinets.
7. The system is now ready to boot. Enter the `bootsys -c` command at the SWS. This will load the UNICOS kernel, initiate communication between the maintenance I/O node and UNICOS software, boot UNICOS to single-user mode, start the UNICOS console, and start a console for each mainframe that is booted.

Procedure 43: Powering down a CRAY J90se system

To power down a CRAY J90se system, perform the following steps:

1. Shut down the UNICOS operating system by executing the following commands at a UNICOS prompt (You must have super-user privileges to perform the following commands):

```
# cd /  
# /etc/shutdown 120  
  
(this step executes after 120 seconds)  
  
# /bin/sync  
# /bin/sync
```

2. Open the front door of the mainframe cabinet.
3. On the control panel, locate the SYSTEM OFF button in the lower-right corner. Push in on the button and release it.

Note: Pushing the SYSTEM OFF button removes power from all of the cabinets in the system. Verify that each cabinet circuit breaker trips to the 0 (OFF) position. All AC indicator lights on the control panel should now be off.

4. Ensure that all system lights are off.