

3.1 File Menu

Three types of configuration information can be saved and later retrieved. The first is the general system settings, such as which channels to record and channel settings, the second is the specific details determined by the Cerebus™ system after performing the automated sorting routines and the third is specific details determined by the Cerebus™ system after performing the PCA routines. Select **Load System Settings** and **Save System Settings** to open and save general settings. Select **Load Sorting Rules** and **Save Sorting Rules** to load or save a spike sorting model of neural activity from a specific patient saved on a specific day. Select **Load PCA Basis** and **Save PCA Basis** to load or save the PCA basis vectors calculated on the neural activity from a specific patient saved on a specific day.

- **Load System Settings**
Load channel settings previously saved in Hardware Configuration.
- **Load Sorting Rules**
Load previously saved system calculated sorting rules.
- **Load PCA Basis**
Load previously saved system calculated PCA basis vectors
- **Save System Settings**
Channel settings can be saved in files created by the user.
- **Save Sorting Rules**
Spike sorting details can be saved to a file created by the user.
- **Save PCA Basis**
PCA Basis vectors can be saved to a file created by the user.
- **Close Applications**
This feature closes Central and all associated applications. It leaves the NSP running.
- **Hardware Standby and Close**
This feature causes the system to stop gathering data. File storage can be paused causing the NSP to go into “Standby” mode. The NSP must be in “Standby” mode to update the firmware.
- **Hardware Shutdown and Close**
This feature closes Central and all associated applications then stops the NSP. Manually turn off the power.

