How to reboot an AV III

Communication problems between spectrometer and PC

- Spectrometer and PC are up and running.
  - Spectrometer and PC are already turned off. Ensure that each spectrometer hardware unit has its switch in the position 'Off'.

- Reboot PC*, spectrometer stays active.
  - Press the green main power cabinet switch. This is necessary to ensure that the Ethernet-switch is turned on.

- Turn off spectrometer (each unit). Neither turn off the main power cabinet switch nor the PC.
  - Turn on PC*.

- Turn on AQS-Rack, if the IPSO does not start, turn it on by pressing the red button.
  - Turn on all other units.

1. Start TopSpin  
2. Create a new dataset  
3. Read in a standard Carbon parameters set with TopSpin command 'rpar C13CPD all'  
4. Read in standard pulse definition with TopSpin command 'getprosol'.

- Execute 'li' on the new dataset up to three times, until you do not get an error message anymore.

- If a temperature control unit is available, start temperature control with 'edte' and make sure that heater is turned on and airflow is set to the value you want.

Your spectrometer is up and running.

* Login and wait until all server processes have been started. Necessary services under Windows: dhcpd.exe, ttcp.exe  
Linux: dhcpd

More details can be found in the TopSpin Installation Guide available from TopSpin Help menu (→ Manuals) or from the Bruker BioSpin webpage:  
http://www.bruker-biospin.com/documentation_installation.html