

## 6.26 ALARM 408 (THE SPINDLE SERIAL LINK DOES NOT START NORMALLY.)

408 : Indicates that, in a system using serial spindles, the spindle amplifier does not start normally when power is applied.

### Point

This alarm will not occur once the system (including the spindle control unit) has started. It can occur before the system starts during power turn-on processing. Once the system has started, an error is indicated as system alarm 945.

### Causes

- (1) The fiber optics cable is poorly connected, or the power to the spindle amplifier is turned off.
- (2) An attempt was made to switch the NC power on when the spindle amplifier display was SU-01 or any alarm condition other than AL-24.  
This condition occurs mainly if the NC power is switched off when the serial spindles are running. In this case, switch the power to the spindle amplifier off then back on.
- (3) The hardware combination is invalid.
- (4) The second spindle is under any of conditions (1) to (3).  
If the second spindle is in use, bit 4 of parameter No. 71 is 1.