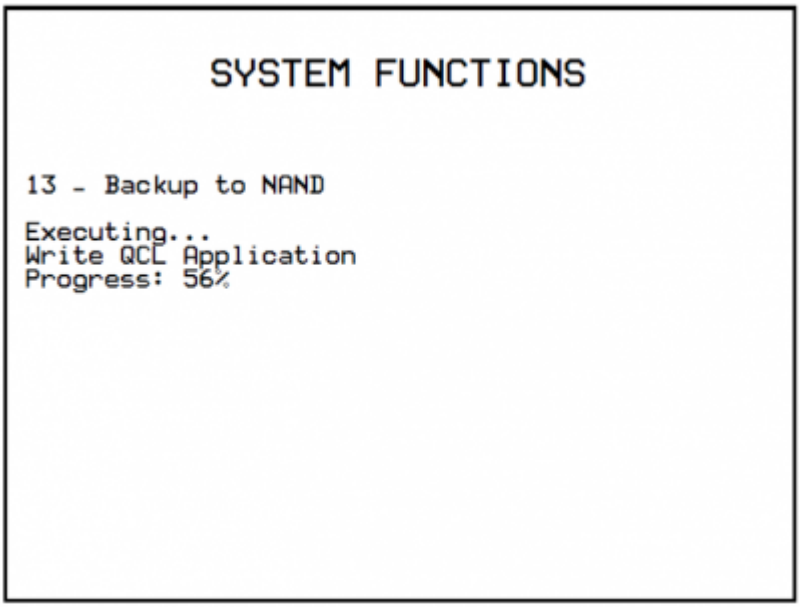
Sommario

Backup to NAND

The backup procedure creates a copy of the QCL and HMI applications in execution and a dump of the retentive data, as files saved in the NAND mass storage. The files created have the following names:

- applic.qcy identifies the file containing the QCL application (CPU)
- appdat.qcy identifies the file containing the retentive data of the QCL application
- appqtp.qcy identifies the file containing the HMI application



The procedure performs the following steps:

- Check the presence of the QCL application
  The “`Checking application presence…`” message is given.
- Create and write in NAND the QCL application backup file: **applic.qcy**
  The “`Write QCL application`” message is given with the percentage progress of the operation.
- Check the presence and validity of retentive data of the QCL application
  The “`Checking retentive data…`” message is given.
- Create and write in NAND the retentive data backup file of the QCL application: **appdat.qcy**
  The “`Write QCL data`” message is given with the percentage progress of the operation.
- If the controller has a display, a check is made for the presence of the HMI application:
  If the HMI application is correct the backup file **appqtp.qcy** is created in NAND and the “`Write QTP application`” message is given with the percentage progress of the operation.
  If the application contains errors, the “`QTP application error`” message is given.
  If the HMI application is not found, the “`HMI application not present`” message is given.
- Procedure end and system reboot.

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