# Flowchart for function **backup updated public keyring** in **encryption_services** program

**Start**

FUNCTION INPUT:
Path to newly updated public keyrings
Path to public keyring backup directory
Path to archived public keyring directory
new_keygen_OK=true

Test for new_keygen_OK=true

new_keygen_OK == true ?

— no → PRINT MESSAGE
Aborting due to unconfirmed new key generation → exit 1 return control → **Stop**

yes

Test for existence of current public keyring backup in the synchronised location

current public keyring backups exist ?

— no → PRINT MESSAGE
failed to find current public keyring backup, but continuing regardless

yes

move **current** public keyring backup to the archive directory, rename and date stamp

Test for existence of newly **updated** public keyring backup in the default GnuPG location

newly updated public keyring exists ?

— no → PRINT MESSAGE
failed to find the a new public keyring, but continuing regardless

yes

copy the new public keyring version to the synchronised location