Flowchart for function to **generate a revocation certification** (user-generated) in **encryption_services** program

Start

FUNCTION INPUT:
Path to default GnuPG
revocation certificate directory
working_user_id
new_key_rev_cert_OK=false
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

yes

get the user_id for the
newly generated keypair

new
_keypair_user_id
==
working_user
_id ?

no → PRINT MESSAGE
"your uid was not the same as new keys"
working_user_id=new_keypair_user_id

yes

issue gpg revocation command

return
code
== 0 ?

no → new_key_rev_cert_OK=false → PRINT MESSAGE
Aborting due to gpg
revocation command error

yes

new_key_rev_cert_OK=true

Stop