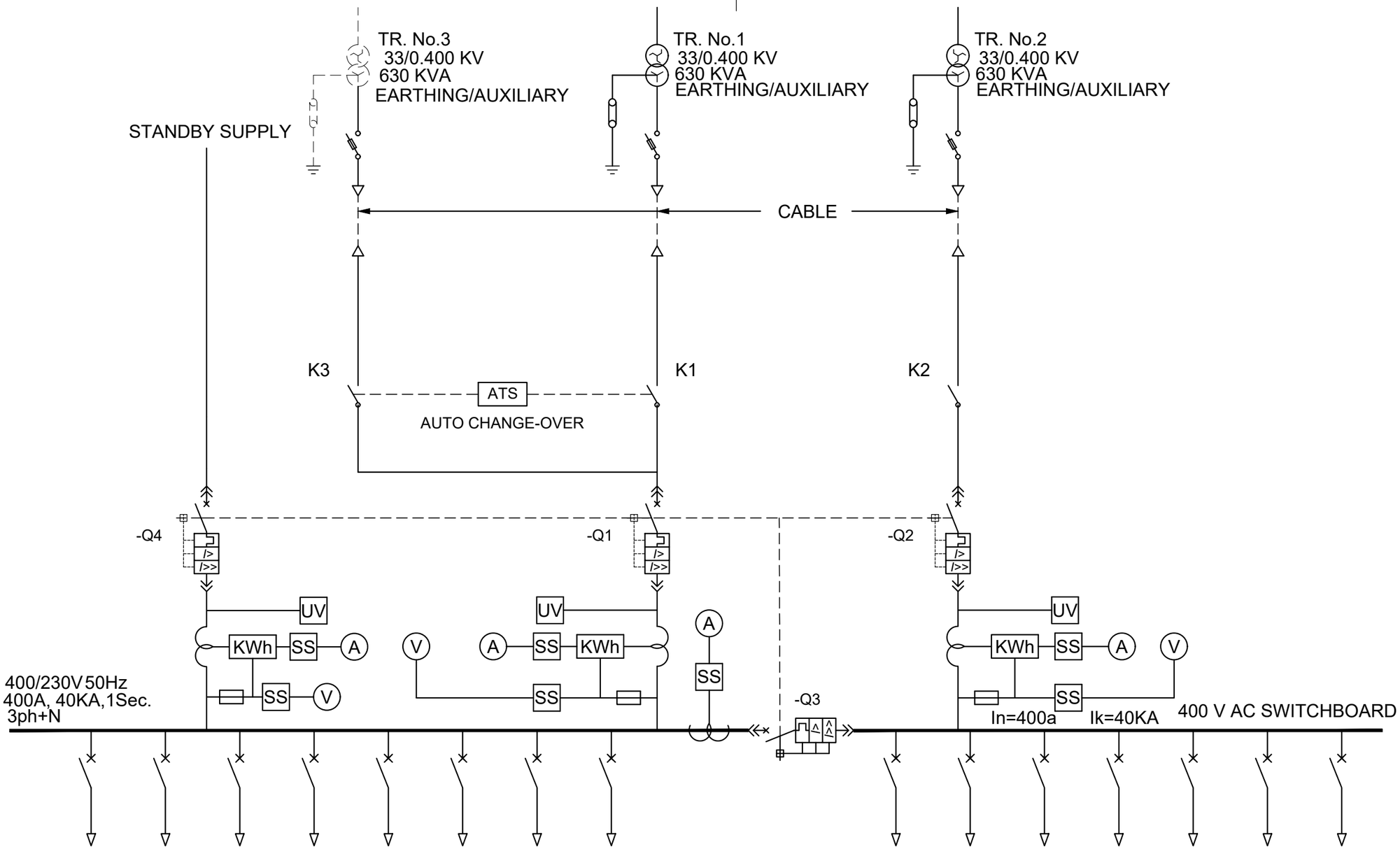


INTERLOCKING:-

1- It IS POSSIBLE TO CLOSE K1 OR K3.

2- It IS POSSIBLE TO CLOSE TWO OF THREE AS FOLLOWS:

-Q1 & -Q3.
-Q2 & -Q3.
-Q1 & -Q2 WHILE -Q3 IS OPEN.

3- It IS POSSIBLE TO CLOSE -Q4 WHEN -Q1 & -Q2 ARE OPEN AND -Q3 IS CLOSED.

NORMAL OPERATION:

-Q1 & -Q2 ARE CLOSED, -Q3 & -Q4 are OPEN.

KEY:-

- ATS — AUTOMATIC TRANSFER SWITCH
- UV — UNDER VOLTAGE RELAY
- SS — SELECTOR SWITCH
- (V) — VOLTMETER
- FUSE
- (A) — AMMETER
- CIRCUIT BREAKER
- CONTACTOR/SWITCH
- WITHDRAWABLE AIR CIRCUIT BREAKER (ACB) OR MOULDED CASE CIRCUIT BREAKER (MCCB)
- LINK
- C.T.

TENDER No. 04/2026

REV.	DATE	DESCRIPTION	DRN.	DES.	CHK.	APP.

NATIONAL ELECTRIC POWER CO.

NATIONAL CONVEYANCE
400/132/33kV AAWDCP S/S
PRINCIPLES OF LVAC SUPPLY No.1

DRN : H.QTAISH	DATE : 21.09.2026	DRG. No.	REV.
DES : A.HIJAZI	SCALE : N.T.S	7-18-E3-0007A	0
CHK : R.HELO	DIM. :		
APP : A.SHDAIFAT			