EQUIP. SHOWN OUTSIDE OF B Kr BROKEN LINE
OUTLINE ON SCHEMAS, IS NOT SUP. W/B Kr
DIAGRAM DETAILS ARE SHOWN FOR
DRAWOUT B KrS, FOR FIXED B KrS USE
CORRESPONDING TABLE POINTS INSTEAD
OF DRAWOUT SECONDARY CONTACTS.

LEGEND

ACTR = ACTUATOR, SOL-STATE B Kr TR
LOCS = LATCH CHECK SWITCH
LG = LOCK OUT
LS = LIMIT SW FOR CLOSING SPR
MOT = MOTOR FOR SPR CHARGING
OCTS = OVERCURRENT TRIP SWITCH
PS = PUSH BUTTON
SEN = SENSOR
SH TR = SHUNT TRIP
SP = SPINNER RELEASE
UV = UNDERVOLTAGE
Y = ANTI-PUMP RELAY
TR = TERMINAL BLOCK
NP = NEGATIVE POWER

OPERATION OF B Kr OPEN/MECH STD

1 – WHEN B Kr OPENS, VOLT IS ENERGIZED
THRU LS & "Y" CONT

2 – MTR RUNS & CHARGES CLSPG

3 – WHEN CL SPG ARE FULLY CHARGED
LS CONTACTS REVERSE

4 – CLOSING CB-C CONT ENERGIZES SR Coil
THRU "Y" LS & "T" CONT

5 – WHEN B Kr CLOSES "N" OPENS & Y COIL IS
ENERG. IN SER. W/TH SR COIL

6 – Y CONT OPENS TO OPEN SR COIL OUT
& PREVENT PUMPING. SHOULD B Kr OPEN
WHILE CS-C IS HELD CLOSED, Y COIL
HAS VERY LOW DROP OUT VOLTAGE

SPECIAL

SAME AS FOR STD.ABOVE EXCEPT MOTOR RUNNING
DEPENS ONLY ON LS CONTACT

EQN REF: 801A4600
5084508
NOTE: SHUNT TRIP IS WIRED PER FIGURE B1
ONLY PROVIDE WHEN P.T. MODULE SUPPLIED AND ZONE INTERLOCKING NOT REQUIRED.
MANUALLY OPERATED BREAKERS CANNOT BE CLOSED BY COMPUTER COMMUNICATION UNLESS FIG. “BO” IS PROVIDED.
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