GENERAL ELECTRIC 729E727BB

TITLE FUNCTIONAL CONTROL DIAG
RECIRCULATION FLOW CONTROL SYS.
FIRST MADE FOR RECIRCULATION SYSTEM

MANUAL RESET | PB | LOCAL

SEAL-IN

M/G SET DRIVE MOTOR BKR CLOSED | 52 * | X | SH1, M7

PERMISSIVE UNLESS AUX SIGNAL IS PRESENT | AUX DEVICE | LP | E 2 D-7

LUBE OIL LOW PRESSURE | AUX DEVICE | LP

PERMISSIVE AFTER 7 SEC. | AUX DEVICE | LP | E 2 B-8

TYPICAL FOR PUMPS A2 & A3

3 POSITION SW: "START" "AUTO" "STOP" "RESET" SPRING RETURN TO "AUTO" AFTER "START" AND MAINTAIN IN "STOP-RESET"

LUBE OIL PUMP "A1" RUNNING | AUX DEVICE | LP

CONTROL SW "A1" IN "STOP-RESET" POSITION | 42CS "A1" | X | D4

PERMISSIVE WHEN LUBE OIL PUMP "A1" NOT RUNNING | AUX DEVICE | LP

OPERATE | RESET

AUXILIARY DEVICE | LP

RESTART LOCKOUT DEVICE "A1"

CONTROL SW "A1" IN "START" POSITION | 42CS "A1" | CR | D5, E2, C2

RESTART LOCKOUT DEVICE "A1" RESET | AUX DEVICE | LP | D2

RESTART LOCKOUT DEVICE "A1" RESET | AUX DEVICE | LP | D2

CONTROL SW "A1" IN "AUTO" POSITION | 42CS "A1" | X | D4

SEAL-IN

PERMISSIVE WHEN EITHER LUBE OIL PUMP "A1" OR "A3" NOT RUNNING | AUX DEVICE | LP

PERMISSIVE WHEN LOCAL CONTROL SW NOT LOCKED OUT | PB | X | E3

CONTROL SW "A1" IN "STOP-RESET" POSITION | 42CS "A1" | X | D4

CONTROL SW IN "STOP" AND "LOCKOUT" POSITION | PB | LOCAL | F4

CR (G) LP (G) CR (R) LP (R)

STOP | START

AC MOTOR STARTER (42) * | LOCAL

CIRCULATING LUBE PUMP "A1"
SEE NOTE 3

LUBE OIL PUMP "A2" RUNNING | AUX DEVICE | LP

CONTROL SW "A2" IN "STOP-RESET" POSITION | 42CS "A2" | X | D11

PERMISSIVE WHEN LUBE OIL PUMP "A2" NOT RUNNING | AUX DEVICE | LP

OPERATE | RESET

AUXILIARY DEVICE | LP

RESTART LOCKOUT DEVICE "A2"

RESTART LOCKOUT DEVICE "A2" RESET | AUX DEVICE | LP | D13

CONTROL SW "A2" IN "START" POSITION | 42CS "A2" | CR | D10, E13, C13

CONTROL SW "A2" IN "AUTO" POSITION | 42CS "A2" | X | D11

RESTART LOCKOUT DEVICE "A2" RESET | AUX DEVICE | LP | D13

SEAL-IN

PERMISSIVE WHEN EITHER LUBE OIL PUMP "A1" OR "A3" NOT RUNNING | AUX DEVICE | LP

PERMISSIVE WHEN LOCAL CONTROL SW NOT LOCKED OUT | PB | X | E13

CONTROL SW IN "STOP" AND "LOCKOUT" POSITION | PB | LOCAL | F11

CONTROL SW "A2" IN "STOP-RESET" POSITION | 42CS "A2" | X | D11

CR (R) LP (R) CR (G) LP (G)

START | STOP

AC MOTOR STARTER (42) * | LOCAL

CIRCULATING LUBE PUMP "A2"
SEE NOTE 3

LUBE OIL PUMP "A3" RUNNING | AUX DEVICE | LP

CONTROL SW "A3" IN "STOP-RESET" POSITION | 42CS "A3" | X | J5

PERMISSIVE WHEN LUBE OIL PUMP "A3" NOT RUNNING | AUX DEVICE | LP

OPERATE | RESET

AUXILIARY DEVICE | LP

RESTART LOCKOUT DEVICE "A3"

CONTROL SW "A3" IN "START" POSITION | 42CS "A3" | CR | K6, L3, J2

RESTART LOCKOUT DEVICE "A3" RESET | AUX DEVICE | LP | K2

RESTART LOCKOUT DEVICE "A3" RESET | AUX DEVICE | LP | K2

CONTROL SW "A3" IN "AUTO" POSITION | 42CS "A3" | X | J5

SEAL-IN

PERMISSIVE WHEN EITHER LUBE OIL PUMP "A1" OR "A2" NOT RUNNING | AUX DEVICE | LP

PERMISSIVE WHEN LOCAL CONTROL SW NOT LOCKED OUT | PB | X | L4

CONTROL SW "A3" IN "STOP-RESET" POSITION | 42CS "A3" | X | J5

CONTROL SW IN "STOP" AND "LOCKOUT" POSITION | PB | LOCAL | L5

CR (G) LP (G) CR (R) LP (R)

STOP | START

AC MOTOR STARTER (42) * | LOCAL

CIRCULATING LUBE PUMP "A3"
SEE NOTE 3

PERMISSIVE AFTER 6 SEC | AUX DEVICE | LP

LOW-LOW LUBE OIL PRESSURE | PS * | LOCAL

3 POSITION SW "START"-"AUTO"-"STOP" SPRING RETURN TO "AUTO" AFTER "START"-"STOP"

CONTROL SW "C" IN "START" POSITION | 42CS "C" | LOCAL | J12

CONTROL SW "C" IN "STOP" POSITION | 42CS "C" | X | J10

SEAL-IN

CR (R) LP (R) CR (G) LP (G)

START | STOP

DC MOTOR STARTER (42) * | LOCAL

AUXILIARY LUBE OIL PUMP "C" (D FOR SET B)
SEE NOTE 3

RECEIVED
FILMED
N.P.P.D., D.C.C.
S/N 5681

RECEIVED
AUG 17 1970
BURNS and ROE
HEMPSTEAD

COOPER STATION
MPL 2-784-5
PO 205-

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