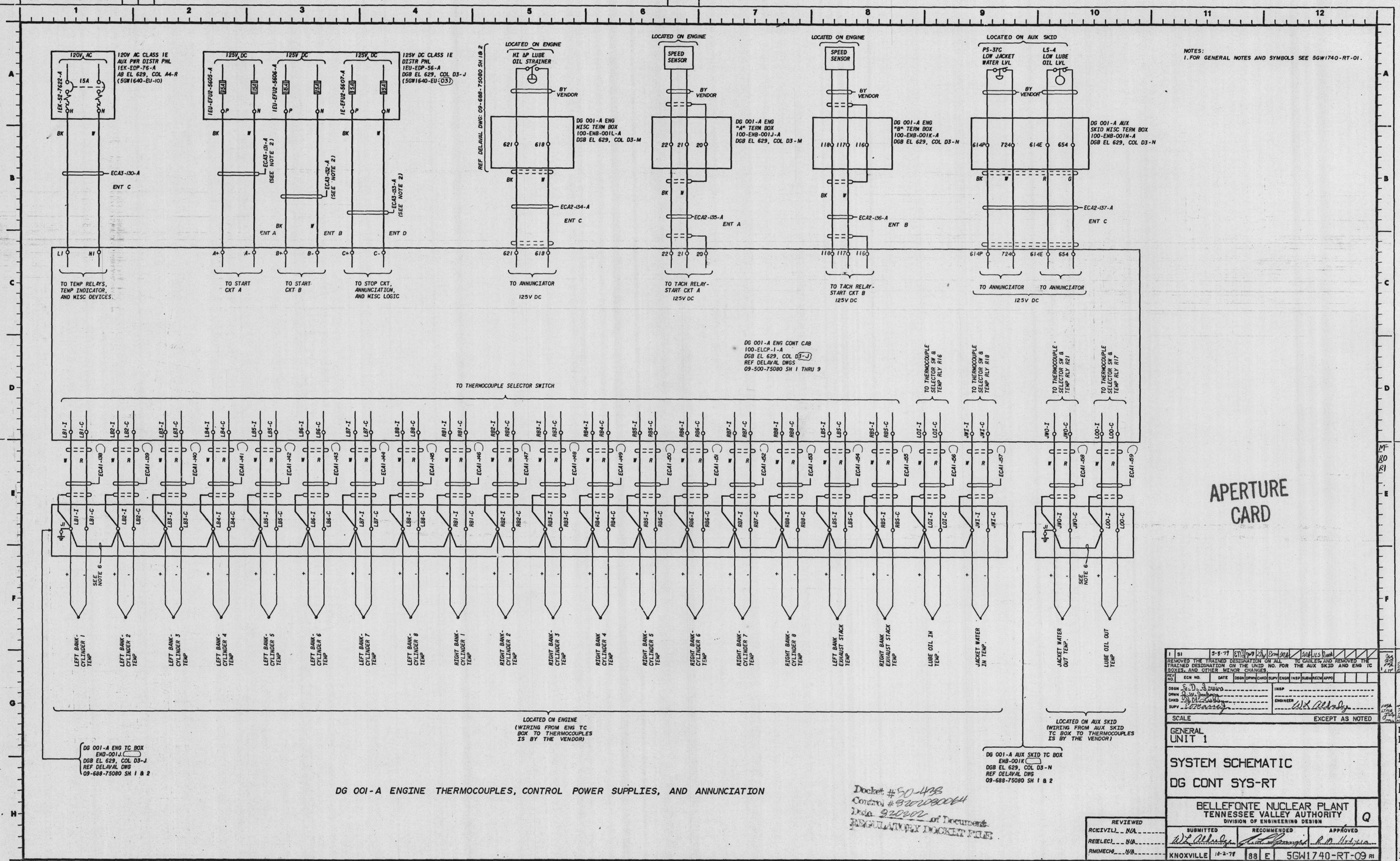
120V AC
120V AC CLASS 1E
AUX PWR DISTR PNL
1EK-EDP-76-A
AB EL 629, COL A4-R
(5GW1640-EU-10)
1EK-52-7622-A
15A
125V DC
125V DC CLASS 1E
DISTR PNL
1EU-EDP-56-A
DGB EL 629, COL D3-J
(5GW1640-EU-03)
1EU-EFU2-5605-A
1EU-EFU2-5606-A
1E-EFU2-5607-A
15A
ECA3-130-A
ENT C
ECA3-131-A
(SEE NOTE 2)
ECA3-132-A
(SEE NOTE 2)
ECA3-133-A
(SEE NOTE 2)
ENT A
ENT B
ENT D
TO TEMP RELAYS, TEMP INDICATOR, AND MISC DEVICES.
TO START CKT A
TO START CKT B
TO STOP CKT, ANNUNCIATION, AND MISC LOGIC
LOCATED ON ENGINE
HI ΔP LUBE OIL STRAINER
BY VENDOR
DG 001-A ENG MISC TERM BOX
100-ENB-001L-A
DGB EL 629, COL D3-M
REF DELAVAL DWG: 09-688-75080 SH 1 & 2
ECA2-134-A
ENT C
TO ANNUNCIATOR
125V DC
SPEED SENSOR
DG 001-A ENG "A" TERM BOX
100-ENB-001J-A
DGB EL 629, COL D3-M
ECA2-135-A
ENT A
TO TACH RELAY-START CKT A
125V DC
DG 001-A ENG "B" TERM BOX
100-ENB-001K-A
DGB EL 629, COL D3-N
ECA2-136-A
ENT B
TO TACH RELAY-START CKT B
125V DC
LOCATED ON AUX SKID
PS-37C LOW JACKET WATER LVL
LS-4 LOW LUBE OIL LVL
DG 001-A AUX SKID MISC TERM BOX
100-ENB-001M-A
DGB EL 629, COL D3-N
ECA2-137-A
ENT C
TO ANNUNCIATOR
TO ANNUNCIATOR
125V DC
NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE 5GW1740-RT-01.
DG 001-A ENG CONT CAB
100-ELCP-1-A
DGB EL 629, COL D3-J
REF DELAVAL DWGS
09-500-75080 SH 1 THRU 9
TO THERMOCOUPLE SELECTOR SWITCH
TO THERMOCOUPLE SELECTOR SW & TEMP RLY R16
TO THERMOCOUPLE SELECTOR SW & TEMP RLY R18
TO THERMOCOUPLE SELECTOR SW & TEMP RLY R21
TO THERMOCOUPLE SELECTOR SW & TEMP RLY R17
LB1-I LB1-C
LB2-I LB2-C
LB3-I LB3-C
LB4-I LB4-C
LB5-I LB5-C
LB6-I LB6-C
LB7-I LB7-C
LB8-I LB8-C
RB1-I RB1-C
RB2-I RB2-C
RB3-I RB3-C
RB4-I RB4-C
RB5-I RB5-C
RB6-I RB6-C
RB7-I RB7-C
RB8-I RB8-C
LB5-I LB5-C
RB5-I RB5-C
LO1-I LO1-C
JW1-I JW1-C
JW0-I JW0-C
LO0-I LO0-C
ECA1-039
ECA1-040
ECA1-041
ECA1-042
ECA1-043
ECA1-044
ECA1-045
ECA1-046
ECA1-047
ECA1-048
ECA1-049
ECA1-050
ECA1-051
ECA1-052
ECA1-053
ECA1-054
ECA1-055
ECA1-056
ECA1-057
ECA1-058
ECA1-059
SEE NOTE 6
LEFT BANK-CYLINDER 1 TEMP
LEFT BANK-CYLINDER 2 TEMP
LEFT BANK-CYLINDER 3 TEMP
LEFT BANK-CYLINDER 4 TEMP
LEFT BANK-CYLINDER 5 TEMP
LEFT BANK-CYLINDER 6 TEMP
LEFT BANK-CYLINDER 7 TEMP
LEFT BANK-CYLINDER 8 TEMP
RIGHT BANK-CYLINDER 1 TEMP
RIGHT BANK-CYLINDER 2 TEMP
RIGHT BANK-CYLINDER 3 TEMP
RIGHT BANK-CYLINDER 4 TEMP
RIGHT BANK-CYLINDER 5 TEMP
RIGHT BANK-CYLINDER 6 TEMP
RIGHT BANK-CYLINDER 7 TEMP
RIGHT BANK-CYLINDER 8 TEMP
LEFT BANK EXHAUST STACK TEMP
RIGHT BANK EXHAUST STACK TEMP
LUBE OIL IN TEMP.
JACKET WATER IN TEMP.
JACKET WATER OUT TEMP.
LUBE OIL OUT TEMP
LOCATED ON ENGINE
(WIRING FROM ENG TC BOX TO THERMOCOUPLES IS BY THE VENDOR)
LOCATED ON AUX SKID
(WIRING FROM AUX SKID TC BOX TO THERMOCOUPLES IS BY THE VENDOR)
DG 001-A ENG TC BOX
ENB-001J
DGB EL 629, COL D3-J
REF DELAVAL DWG
09-688-75080 SH 1 & 2
DG 001-A AUX SKID TC BOX
ENB-001K
DGB EL 629, COL D3-N
REF DELAVAL DWG
09-688-75080 SH 1 & 2
DG 001-A ENGINE THERMOCOUPLES, CONTROL POWER SUPPLIES, AND ANNUNCIATION
APERTURE CARD
Docket #50-438
Control #8207080064
Date 9/20/82 of Document
REGULATORY DOCKET FILE
REVIEWED
R(CIVIL) N/A
R(ELEC) N/A
R(MECH) N/A
REV NO. | ECN NO. | DATE | DSGN | DRWN | CHKD | SUPV | ENGR | INSP | SUBM | RECM | APPD
1 | S1 | 5-5-77
REMOVED THE TRAINED DESIGNATION ON ALL TC CABLES, AND REMOVED THE TRAINED DESIGNATION ON THE UNIT NO. FOR THE AUX SKID AND ENG TC BOXES, AND OTHER MINOR CHANGES
DSGN
DRWN
CHKD
SUPV
INSP
ENGINEER
SCALE
EXCEPT AS NOTED
GENERAL
UNIT 1
SYSTEM SCHEMATIC
DG CONT SYS-RT
BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
Q
SUBMITTED
RECOMMENDED
APPROVED
KNOXVILLE
10-2-78
88 E 5GW1740-RT-09 R1
RECORD DRAWING AS CONSTRUCTED