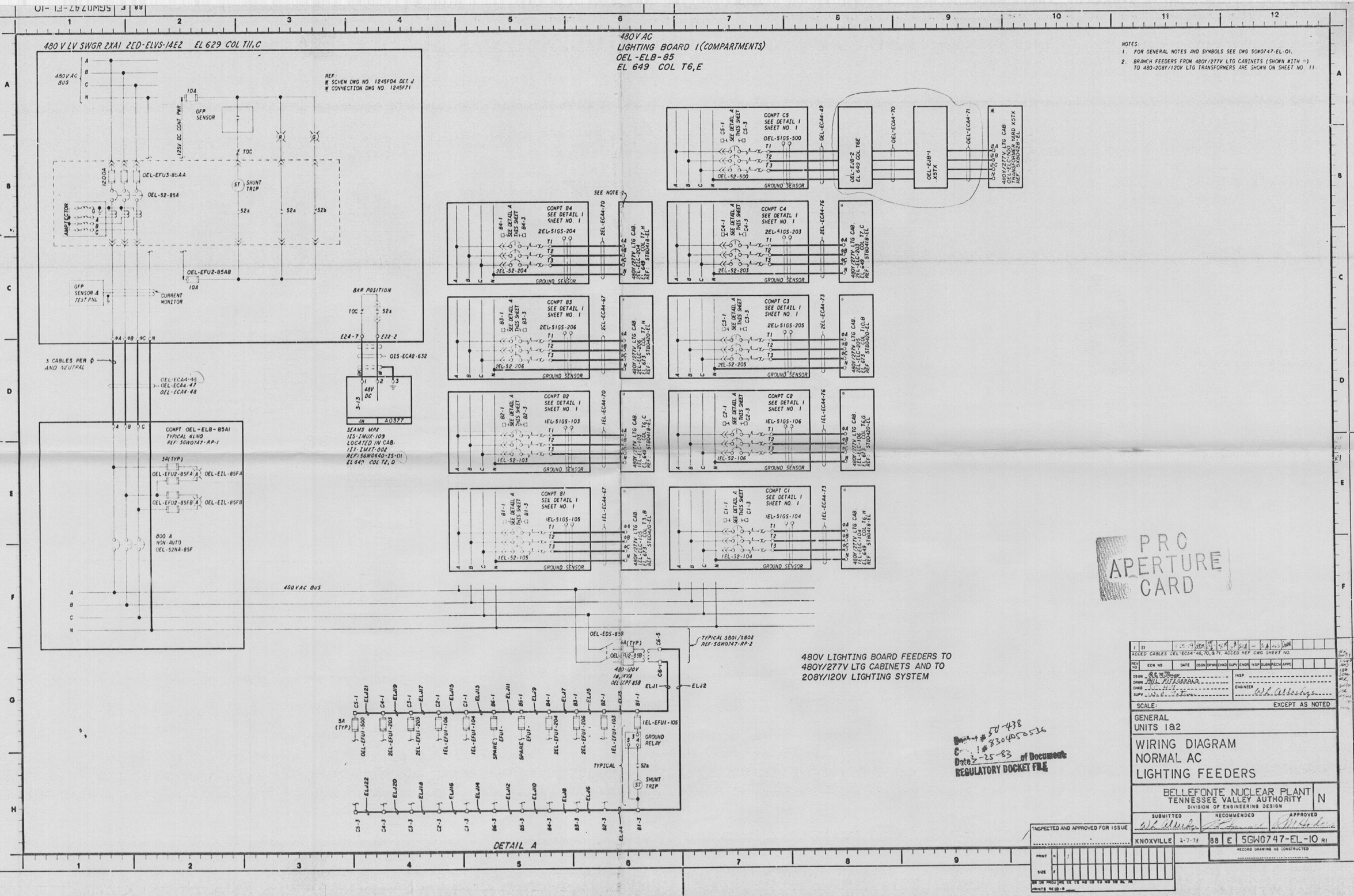
480 V LV SWGR 2XA1 2ED-ELVS-14E2 EL 629 COL T11,C
480V AC
LIGHTING BOARD 1 (COMPARTMENTS)
OEL-ELB-85
EL 649 COL T6,E
NOTES:
1. FOR GENERAL NOTES AND SYMBOLS SEE DWG 5GW0747-EL-01.
2. BRANCH FEEDERS FROM 480Y/277V LTG CABINETS (SHOWN WITH ⊙) TO 480-208Y/120V LTG TRANSFORMERS ARE SHOWN ON SHEET NO. 11
480V AC BUS
REF: W SCHEM DWG NO. 1245F04 DET. J W CONNECTION DWG NO. 1245F71
GFP SENSOR
SHUNT TRIP
AMPTECTOR
CURRENT MONITOR
BKR POSITION
3 CABLES PER Ø AND NEUTRAL
COMPT OEL-ELB-85A1
TYPICAL 6LNO
REF: 5GW0747-RP-1
800 A NON-AUTO OEL-52NA-85F
SEAMS MPX
IIS-IMUX-109
LOCATED IN CAB.
IIX-IMXT-002
REF: 5GW0640-IS-01
EL 649 COL T2,D
480V AC BUS
TYPICAL 5801/5802
REF: 5GW0747-RP-2
480-120V 1Ø, 1KVA
OEL-ECPT-85B
GROUND RELAY
SHUNT TRIP
DETAIL A
480V LIGHTING BOARD FEEDERS TO 480Y/277V LTG CABINETS AND TO 208Y/120V LIGHTING SYSTEM
COMPT B4 SEE DETAIL 1 SHEET NO. 1
COMPT B3 SEE DETAIL 1 SHEET NO. 1
COMPT B2 SEE DETAIL 1 SHEET NO. 1
COMPT B1 SEE DETAIL 1 SHEET NO. 1
COMPT C5 SEE DETAIL 1 SHEET NO. 1
COMPT C4 SEE DETAIL 1 SHEET NO. 1
COMPT C3 SEE DETAIL 1 SHEET NO. 1
COMPT C2 SEE DETAIL 1 SHEET NO. 1
COMPT C1 SEE DETAIL 1 SHEET NO. 1
GROUND SENSOR
480Y/277V LTG CAB. OEL-ELC-500 TRANSFORMER YARD X5TX REF: 5XB0428-EL
PRC APERTURE CARD
Docket # 50-438
Control # 8304050536
Date 3-25-83 of Document
REGULATORY DOCKET FILE
ADDED CABLES OEL-ECA4-46, 70, & 71. ADDED REF DWG SHEET NO.
DSGN RCM
DRWN PHIL FITZGERALD
CHKD
SUPV
INSP
ENGINEER W.L. Aldredge
SCALE: EXCEPT AS NOTED
GENERAL UNITS 1&2
WIRING DIAGRAM NORMAL AC LIGHTING FEEDERS
BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN
N
SUBMITTED
RECOMMENDED
APPROVED
KNOXVILLE 2-7-78
88 E 5GW0747-EL-10 R1
RECORD DRAWING AS CONSTRUCTED
INSPECTED AND APPROVED FOR ISSUE