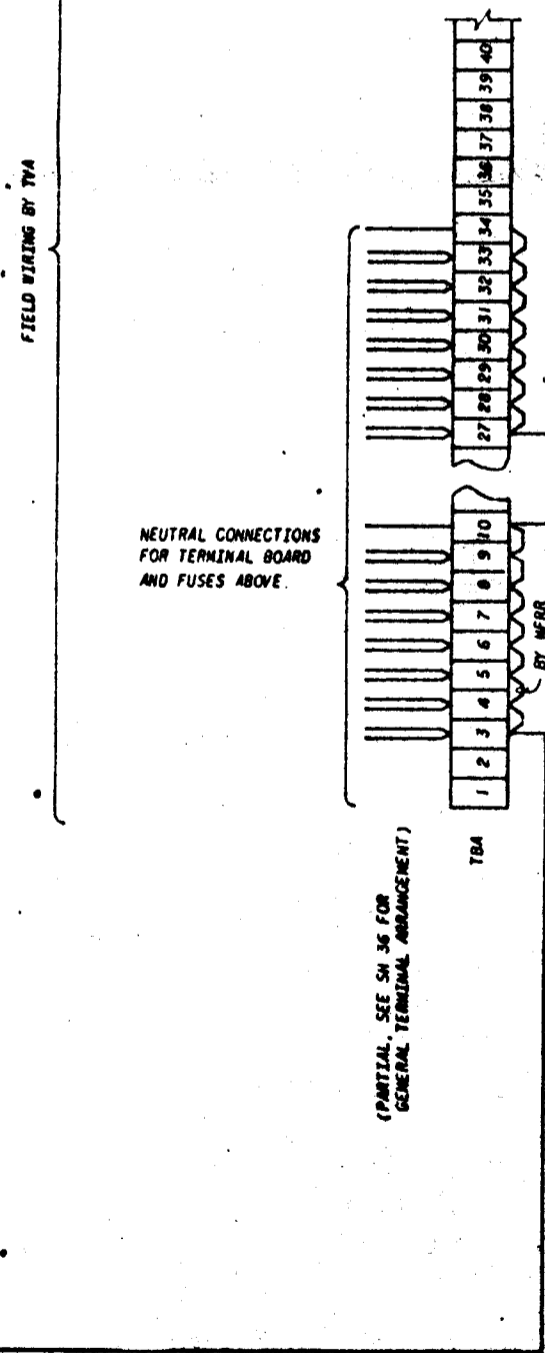


120VAC PREFERRED POWER DISTRIBUTION PANEL, 2EY-EDP-23 (CONTINUED ON SHEET SCM0640-EP-31)



NEUTRAL CONNECTIONS CONTINUED ON FIB (SEE SHEET SCM0640-EP-31)

- NOTES
- THIS EQUIPMENT IS FURNISHED ON TVA CONTRACT TKA-823705.
 - 2EY-EDP-23 IS PART OF 120VAC PREFERRED POWER DISTRIBUTION SYSTEM BY A SINGLE-PHASE, SINGLE-POINT GROUNDING SYSTEM, BATTERY BACKED BY INVERTER.
 - MANUFACTURER TO BUREAU FUSES, FUSE SIGNAL CONTACTS, AND TERMINAL BLOCKS.
 - SCHEMATIC LAYOUT DOES NOT REFLECT ACTUAL PHYSICAL ARRANGEMENT. REFER TO PANEL LAYOUT DRAWING 8454073-EP-01 AND TERMINAL BLOCK DETAIL SHEET 36.
 - THE DISTRIBUTION PANELS ON SH 30-36 ARE PRIMARILY INTENDED TO SUPPLY POWER TO AUXILIARY CONTROL ROOM LOGIC CONTROLLED SOLENOIDS, RELAYS, DAMPERS, ETC.
 - FUSES ARE BUSHBOMM TYPE NTC-RATED 6000 ATC AT 250VAC.
 - FUSE BLOCKS ARE BUSHBOMM W-3039.
 - TERMINAL BLOCKS ARE BUSHBOMM 600V HEAVY DUTY, TYPE 0721.
 - CABINET INTERNAL WIRING IS #12AWG STRANDED COPPER WOOD TYPE SIS, RATED 90°C WIRING DESIGNATED HOT (H) AND NEUTRAL (N) IS #10 AWG.
 - THIS DRAWING SUPERSEDES ALL PREVIOUS UNLESS OTHERWISE SPECIFIED IN CONTRACT TKA-823705, FOR CABINET DOCUMENTATION.

PRC APERTURE CARD

Date 5-25-83
 Control # 830405836
 REGULATORY DOCKET FILE

COMPANION DPGS:
 SCM0640-EP-21-36

2	490.31	4-3-80	REVISED LOADS, ADDED "N"
1	81	11-18	REVISED LOADS, ADDED "N"
ADDED LOADS, CABLE NUMBER, CONTRACT NUMBER AND REDRAWN			
REV	REV	REV	REV
DATE	BY	CHKD	APPD
DATE	BY	CHKD	APPD
SCALE EXCEPT AS NOTED			
GENERAL UNITS 1 & 2			
SCHEMATIC DIAGRAM			
250VDC NORMAL POWER DISTRIBUTION SYSTEM			
BELLEFONTE NUCLEAR PLANT			
TENNESSEE VALLEY AUTHORITY			
DIVISION OF ENGINEERING DESIGN			
QUANTITIES	REVISIONS	APPROVED	
KNOXVILLE, TENN. 37602			
88 E SCM0640-EP-30			

REVISIONS AND APPROVED FOR ISSUE

2EY-EEOC-08
 AUXILIARY CONTROL ROOM
 120VDC DISTRIBUTION CABINET