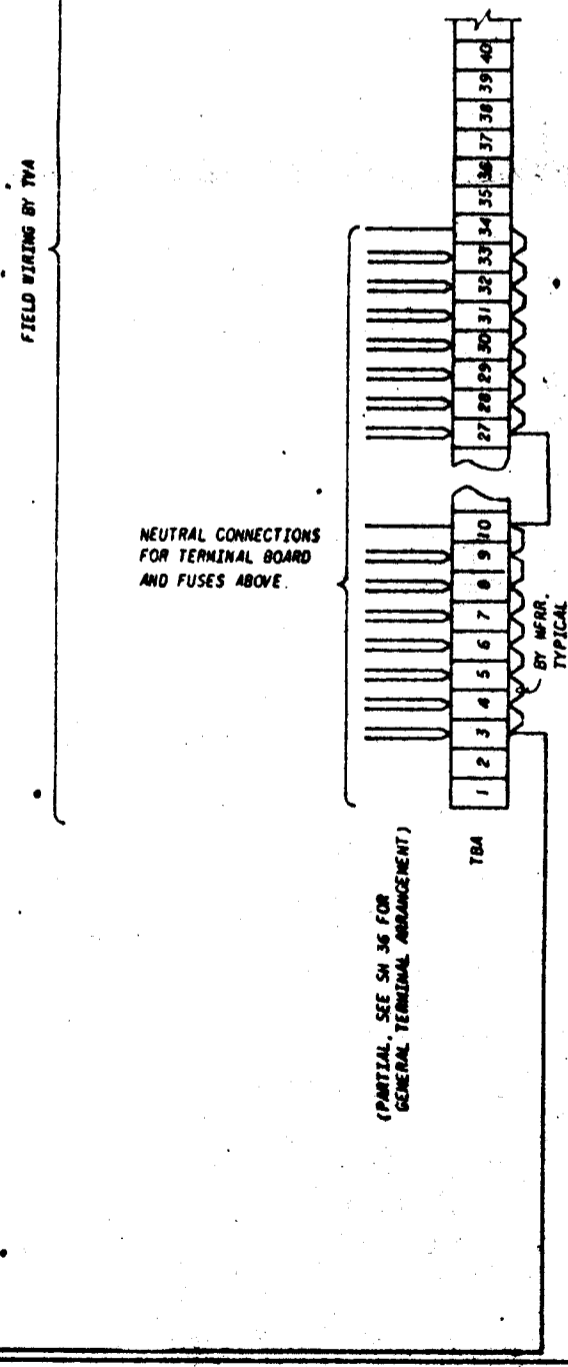


120VAC PREFERRED POWER DISTRIBUTION PANEL, 2EY-EDP-23 (CONTINUED ON SCM0640-EP-31)



- NOTES
- THIS EQUIPMENT IS FURNISHED ON TVA CONTRACT T8K4-823705.
 - 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 S454073-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 # 3239.
 - TERMINAL BLOCKS ARE BUSHBOMM 600V HEAVY DUTY, TYPE 0721.
 - CABINET INTERNAL WIRING IS #12AWG STRANDED COPPER WOOD TYPE 3ES, RATED 90°C WIRING DESIGNATED HOT (H) AND NEUTRAL (N) IS #10 AWG.
 - THIS DRAWING SUPERSEDES ALL PREVIOUS UNLESS OTHERWISE SPECIFIED. CONTRACT T8K4-823705, FOR CABINET DOCUMENTATION.

PRC APERTURE CARD

Original # 50-438
 Control # 830405836
 Date 3-25-83
 REGULATORY DOCKET FILE

COMPANION DPGS:
 SCM0640-EP-21-36

2	490.31	4-3-80	ADD	REVISED LOADS, ADDED "N"
1	81	11-18	ADD	REVISED LOADS, ADDED "N"
ADDED LOADS, CABLE NUMBER, CONTRACT NUMBER AND REDRAWN				
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				
DESIGNED BY	REVIEWED BY	APPROVED BY		
INNOVATIONS	3-2-83	88 E	SCM0640-EP-30	