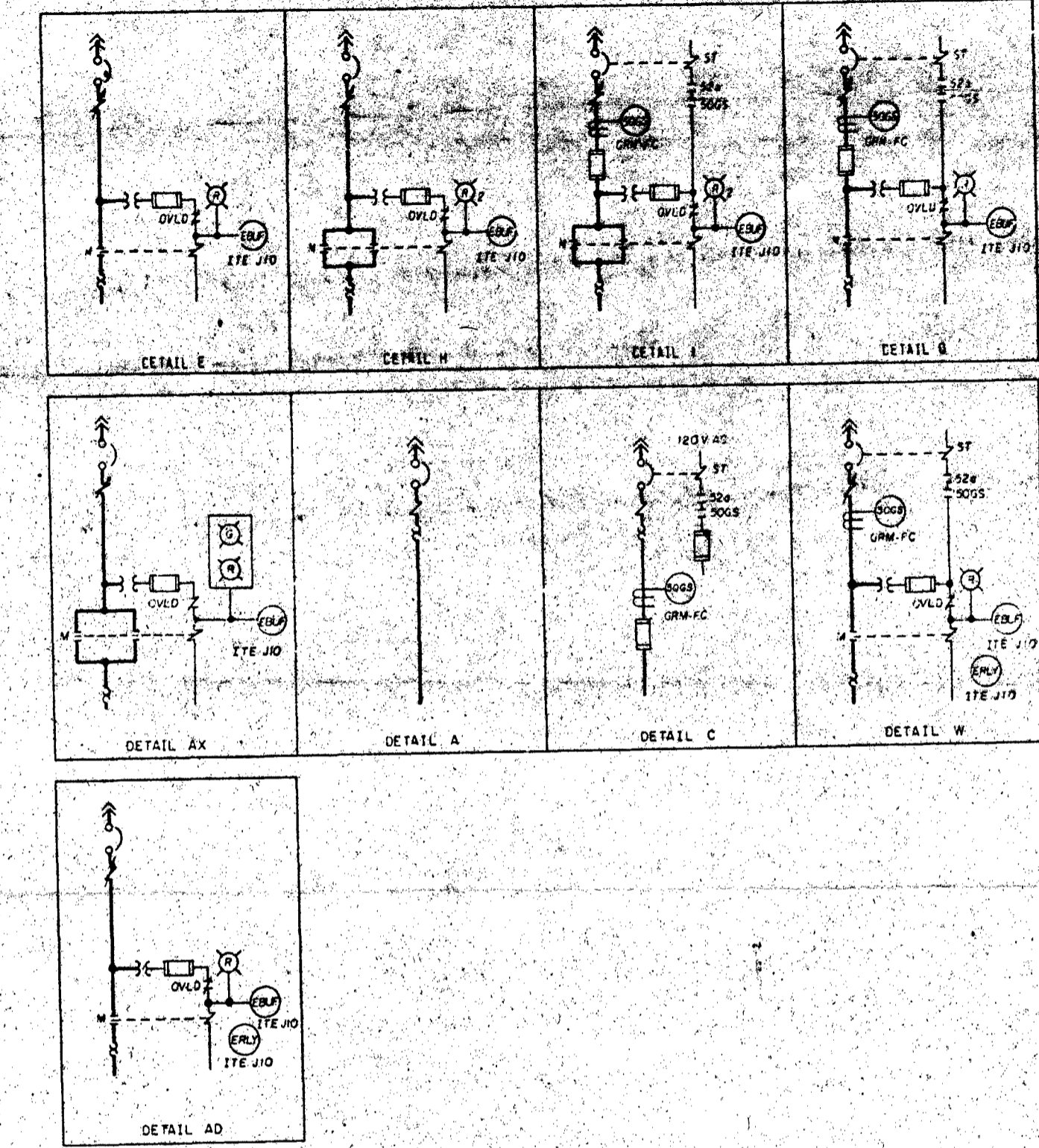


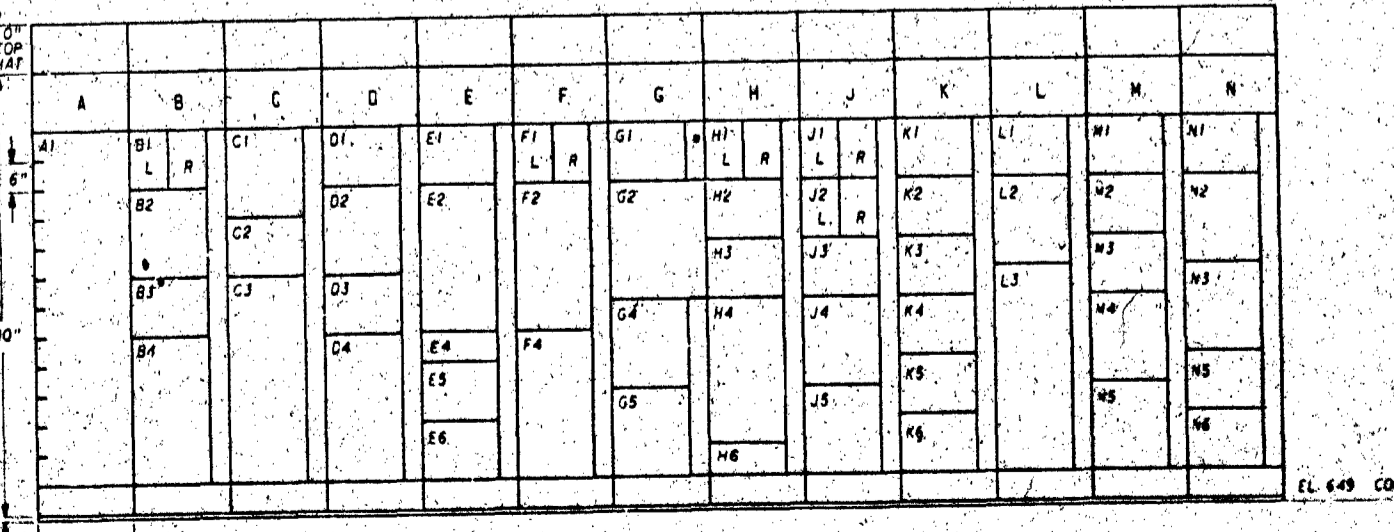
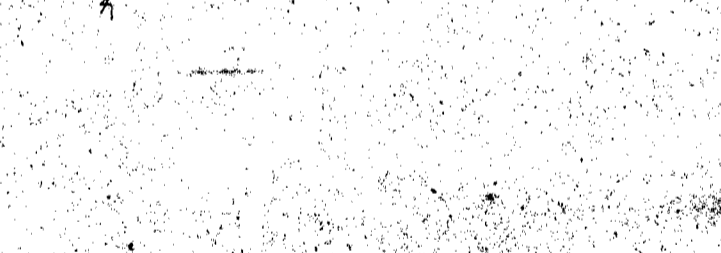
Table with columns: COMP NO, LOAD, UNIT, DETAIL, LOAD SIZE, SCH DWG REFERENCE. Rows include MAIN BREAKER, WCR INLET AIR RADN MON FOR SHUT DOWN, FUTURE - 18 INCH, STARTUP RECIRC PMP, SPARE, TO 480/208-120V XFMR FOR STANDBY AC LIGHTING CAB, MAIN BLDG ROOF ST TO CASN WASHDOWN TECH MOV, CPT ISOLATION OUTLET MOV (C-F-HV1B), FUEL HANDLING AREA SUPPLY FAN, SPARE, COOLING PUMP 1B-B, FUEL HANDLING AREA EXH FAN, CHR FAN, MCP P142 LUBE OIL PUMP B, FUTURE - 6 INCH, CONT BLDG EMER AIR CLEANUP UNIT FAN, ZONE 1B EL 629 AREA AHU, FTL SPARE, FTR SPARE, MCP P182 LUBE OIL PUMP B, FCP P181 LUBE OIL PUMP B, FUTURE - 6 INCH, SEC CNTNT CLEANUP RH HTR, FUEL HANDLING AREA RH HTR.

Table with columns: COMPT NO, LOAD, UNID, DETAIL, LOAD SIZE, SCH DWG REFERENCE. Rows include STATION VENT RADN MON FOR AFW TURBINE PUMP DISCHARGE TO ST GEN 1A MOV, SPARE, CORE FLOODING TANK COOL VENT TO WQ RC DRAIN TANK, SLC CONTAINMENT CLEANUP FAN, SPARE, COOLING RB INLET ISOLATION MOV (CC-HV3), AUX BLDG ISOLATION MOV, TRAIN B ERCW SUPPLY TO AFW TURBINE PUMP MOV, TRAIN A ERCW SUPPLY TO AFW TURBINE PUMP MOV, SPARE, FIRE PROTECTION SYSTEM ISOLATION MOV, FIRE PROTECTION SYSTEM ISOLATION MOV, STEAM GEN 1A MAIN FW ISOLATION VALVE, WD RB NORMAL TURM PUMP SUCTION MOV (WD-HV3), WD RC DRAIN TANK SHUT-OFF MOV (WD-HV3), ZONE 1B EL 590 AREA AHU, CND COOL 47 HB OUTLET ISOLATION MOV (CC-HV3), WD RC DRAIN TANK VENT MOV (WD-HV1), ST GEN A ATMOSPHERIC DUMP VLV COLD SHUTDOWN, SPARE.



- NOTES: 1. 480V MOTOR CONTROL CENTER PROVIDED ON TVA CONTRACT NO 7885-86242 BY GOULD/ITE. 2. ALL WOLDED CASE 480V CIRCUIT BREAKERS ARE 60,000 WITH AN INTERRUPTING RATING OF NOT LESS THAN 25,000 RMS SYMMETRICAL AMP. 3. 480V CIRCUIT BREAKERS SHOWN WITH SHUNT TRIP COILS HAVE A 150V COIL CAPABLE OF OPERATING AT 55 PERCENT TRIP VOLTAGE ALL 100A FRAME 480V CIRCUIT BREAKERS ARE ITC "M" SERIES AND THE 100A FRAME 480V CIRCUIT BREAKERS ARE ITC "L" SERIES. 4. ALL WOLDED CASE 120V CIRCUIT BREAKERS ARE 16,100A FRAME, THERMAL MAGNETIC WITH 15A TRIP, ITC "BO" SERIES. 5. ALL 5A AND 10A FUSES ARE GOULD/SHANNUT AMP-TRAP FORM 600 "MUGET" TYPE 2. 6. FUSES IN THE POWER CIRCUITS ARE GOULD/SHANNUT CLASS "P" CURRENT LIMITING FUSES ARE REQUIRED TO PROVIDE REDUNDANT PROTECTION FOR PRIMARY CONTAINMENT PENETRATIONS. 7. ALL CONTROL TRANSFORMERS ARE 16, 480/120V WITH GROUNDING SECONDARY THE SECONDARY OF THE 150 VA TRANSFORMER IS FUSED WITH A 1 1/2A DUAL-ELEMENT TIME-DELAY BUSSMAN TYPE FNO-FUSE THE SECONDARY OF THE 350 VA TRANSFORMER IS FUSED WITH A 3 1/2A DUAL-ELEMENT TIME-DELAY GOULD/SHANNUT TYPE THM-FUSE. 8. GROUND FAULT PROTECTION (500S) ITC TYPE GRM-FPC PICKS UP AT APPROXIMATELY 10 AMP'S PRIMARY CURRENT WITH NO INTENTIONAL TIME DELAY. 9. THE PRIMARY OF THE 3KVA CONTROL POWER TRANSFORMER IS FUSED WITH A 15A TIME DELAY BUSSMAN TYPE UMC-15 FUSE. 10. THE MOTOR CONTROL CENTER ARRANGEMENT IS CONTROLLED BY THE FRONT VIEW LOCATED ON THIS DRAWING. COMPARTMENT CONFIGURATION CONTROL DRAWINGS ARE REFERENCED IN THE MOTOR CONTROL CENTER COMPUTERIZED CIRCUIT SCHEDULE. THE MOTOR CONTROL CENTER COMPUTERIZED CIRCUIT SCHEDULE DOCUMENTS DEVICE RATINGS AND ADJUSTABLE CIRCUIT BREAKER SETTINGS. 11. THIS MCC IS CLASS IE. 12. ALL AGASTAT RELAYS ARE OF THE 1000V SERIES.

- REFERENCED DRAWINGS AND DOCUMENTS: PLANT AC AUXILIARY POWER SYSTEM SINGLE LINE... 26W0720-RP-01. SINGLE LINE DIAGRAM 480V SWITCHGEAR ITC... 26W1727-EI-1. 480V CLASS IE AC AUXILIARY POWER DISTRIBUTION SYSTEM SCHEMATIC... 56W1740-EI-16. 480V MCC COMPARTMENT TYPICALS... 56W0747-RP. 480V MCC 1E5-B COMPUTERIZED CIRCUIT SCHEDULE... 56C01767-EI.



EL 649 COL 410

Docket # 88-438
Case # 8804050536
Date 3-25-83 of Document
REGULATORY DOCKET FILE

PRC
APERTURE
CARD

COMPANION DWG:
SAW1737-EI-03
SAW1737-EI-02 HAS BEEN VOIDED

Form with fields for SUBMITTED, RECOMMENDED, APPROVED, and SIGNATURES. Includes the name C.T. Harter and a date of 12-6-74.

Large form containing revision history (REV), description of changes (e.g., 'DELETED VK SYSTEM LOAD FROM COMPTS K2 B K5'), and project information for BELLEFONTE NUCLEAR PLANT, TENNESSEE VALLEY AUTHORITY, DIVISION OF ENGINEERING DESIGN.