



- REVISIONS
- A) 152007 TO PRZM HTR TRANS. 1-53 THIS DWG
 - B) 152007 TO PANEL DR-103 DWG 237127A-E551
 - C) 152008 TO TERM CAB 10155 DWG 237127A-E596
 - D) 152010 TO 480V SWGR 1-2 UNIT #1 DWG 237127A-E561
 - E) 152010 TO TERMINAL BOX 1263 DWG 237127A-E546
 - F) 152014 TO SEE PHL BR154 DWG. 88744
 - G) 152014 TO 480V SWGR BUS 1-33 UNIT #4 DWG. 88588
 - H) 152014 TO AUX. FEED WTR. PHL.
 - I) 152014 TO AUX. RELAY BOX #122 (FOR BUS 1-51 (1-52)) DWG. 88588
 - J) 152014 TO 480V SWGR BUS 1-52 UNIT #2 DWG. 157127A-E561
 - K) 152014 TO PANEL DR-103 DWG. 88744
 - L) 152014 TO 15V DC DIGIT. CAB BR-104 DWG. 237127A-E544

- NOTES
- ELECT CONTRACTOR (K-262) TO USE LOCK-WASHERS ON ALL TERMINAL CONNECTIONS
 - ALL EXTERNAL WIRING BY ELECT CONTRACTOR (K-262)
 - ALL DASHED LINES WITH @ INDICATE WIRE TO BE REMOVED, & ALL SOLID WITH @ INDICATE WIRE TO BE ADDED BY ELECT CONTRACTOR (K-262)
 - ELECT CONTRACTOR (K-262) TO FURNISH & MOUNT 2 POLE 250V FUSE BLOCK WITH 10AMP FUSES SAME AS EXISTING OR EQUAL
 - ELECT CONTRACTOR (K-262) TO FURNISH & MOUNT 2 POLE SINGLE THROW DISCONNECT SWITCH SAME AS EXISTING OR EQUAL
 - FIELD TO FURNISH & MOUNT ONE 500 MCM LUG PER PHASE & THREE LUGS FOR GROUND CONNECTIONS SIMILAR TO EXISTING. IF THE INCREASE OF THESE ITEMS THE QUANTITY(S) MAY BE DIFFERENT.
 - GROUND CONDUCTOR PROVIDED WITH POWER CABLES SHALL BE CONNECTED TO GROUND TERMINALS OF TRANSFORMER 1-53.
 - ELECT CONTRACTOR (K-262) TO PROVIDE SAFEGUARDED SEPARATION FOR CABLES (K-219) & GROUNDING FLEXIBLE CONDUIT UNDER THE SWGR.
 - ELECT CONTRACTOR (K-262) TO FURNISH & MOUNT 10AMP FUSE BLOCK (K-219) & GROUNDING FLEXIBLE CONDUIT UNDER THE SWGR.
 - RESISTOR (K-212) CAPACITOR (250 MFD) AND DIODE (K-212) TO BE MOUNTED IN ALL 1-5 CHAMBERS (K-206)

- REFERENCES:
- COMPLETE ELECT DWG LIST DWG 237127A-E553
 - CIRCUIT DIAGRAM 480V SWGR SAFEGUARDED BUSES DWG 237127A-E553
 - SEQUENCING ARRANGEMENT 480V SWGR SAFEGUARDED BUSES DWG 237127A-E553
 - SAFETY SWITCHING DWG 237127A-E553
 - CONTROL SCHEMATIC DIAG - DWG 237127A-E553

TIE BREAKER NO. 15211 & FEEDER BREAKER NO. 15212

PRC APERTURE CARD

237127A-E553

WISCONSIN PUBLIC SERVICE CORPORATION
KEWAUNEE NUCLEAR POWER PLANT - UNIT NO. 1
CARLTON, KEWAUNEE COUNTY, WISCONSIN

WIRING DIAGRAM - 480V SWGR
BUS 1-52 UNIT NO. 4

Designed By
Pioneer Service & Engineering Co.

APPROVED: [Signature]
DATE: 10-27-71

PROJECT & DRAWING NO. 237127A-E553N2-2
SHEET 1 OF 1

18-18-26-3-5-426

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