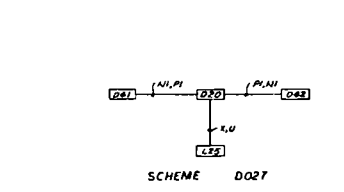
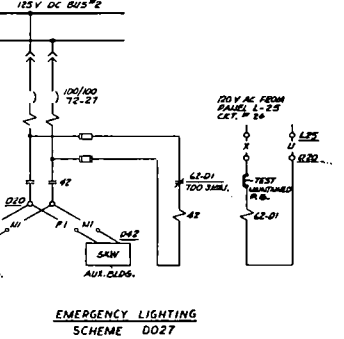


- NOTES**
1. BREAKERS WITH THERMAL MAGNETIC TRIP.
 2. BREAKERS WITH ADJUSTABLE MAGNETIC TRIP ONLY.
 3. STARTERS WITH THERMAL OVERLOAD ELEMENTS USED FOR ALARM ONLY, SET AT 100% MOTOR FULL LOAD CURRENT.
 4. FOR DETAILED PANEL SCHEDULE, SEE DWG E-29.
 5. (1) INDICATES CIRCUITS ROUTED IN LEFT HAND CHANNEL. (2) INDICATES CIRCUITS ROUTED IN RIGHT HAND CHANNEL. SEPARATED FROM EACH OTHER.
 6. (1) CHANNEL 1 (2) CHANNEL 2 (3) CHANNEL 3 (4) CHANNEL 4 (5) CHANNEL 5
 7. CHAS. SHANNON CO. FORM 600, TYPE 5 FUSES NORM. STOK OPERATED.

METER AND RELAY TABLE

DEVICE	DESCRIPTION	INSTR. AND TYPE	FUNCTION
D01	THREE PHASE LIGHTS	ADLAK	CONTROL
D02	DC BUS 1 GEN. DETECTION	WESTINGHOUSE	ALARM
D03	DC BUS 2 GEN. DETECTION	WESTINGHOUSE	ALARM
D04	DC BUS 3 GEN. DETECTION	WESTINGHOUSE	ALARM
D05	DC BUS 4 GEN. DETECTION	WESTINGHOUSE	ALARM
D06	DC BUS 5 GEN. DETECTION	WESTINGHOUSE	ALARM
D07	DC BUS 6 GEN. DETECTION	WESTINGHOUSE	ALARM
D08	DC BUS 7 GEN. DETECTION	WESTINGHOUSE	ALARM
D09	DC BUS 8 GEN. DETECTION	WESTINGHOUSE	ALARM
D10	DC BUS 9 GEN. DETECTION	WESTINGHOUSE	ALARM
D11	DC BUS 10 GEN. DETECTION	WESTINGHOUSE	ALARM
D12	DC BUS 11 GEN. DETECTION	WESTINGHOUSE	ALARM
D13	DC BUS 12 GEN. DETECTION	WESTINGHOUSE	ALARM
D14	DC BUS 13 GEN. DETECTION	WESTINGHOUSE	ALARM
D15	DC BUS 14 GEN. DETECTION	WESTINGHOUSE	ALARM
D16	DC BUS 15 GEN. DETECTION	WESTINGHOUSE	ALARM
D17	DC BUS 16 GEN. DETECTION	WESTINGHOUSE	ALARM
D18	DC BUS 17 GEN. DETECTION	WESTINGHOUSE	ALARM
D19	DC BUS 18 GEN. DETECTION	WESTINGHOUSE	ALARM
D20	DC BUS 19 GEN. DETECTION	WESTINGHOUSE	ALARM
D21	DC BUS 20 GEN. DETECTION	WESTINGHOUSE	ALARM
D22	DC BUS 21 GEN. DETECTION	WESTINGHOUSE	ALARM
D23	DC BUS 22 GEN. DETECTION	WESTINGHOUSE	ALARM
D24	DC BUS 23 GEN. DETECTION	WESTINGHOUSE	ALARM
D25	DC BUS 24 GEN. DETECTION	WESTINGHOUSE	ALARM



SCHEMATIC

NO.	DESCRIPTION	INSTR. AND TYPE	FUNCTION
1	THREE PHASE LIGHTS	ADLAK	CONTROL
2	DC BUS 1 GEN. DETECTION	WESTINGHOUSE	ALARM
3	DC BUS 2 GEN. DETECTION	WESTINGHOUSE	ALARM
4	DC BUS 3 GEN. DETECTION	WESTINGHOUSE	ALARM
5	DC BUS 4 GEN. DETECTION	WESTINGHOUSE	ALARM
6	DC BUS 5 GEN. DETECTION	WESTINGHOUSE	ALARM
7	DC BUS 6 GEN. DETECTION	WESTINGHOUSE	ALARM
8	DC BUS 7 GEN. DETECTION	WESTINGHOUSE	ALARM
9	DC BUS 8 GEN. DETECTION	WESTINGHOUSE	ALARM
10	DC BUS 9 GEN. DETECTION	WESTINGHOUSE	ALARM
11	DC BUS 10 GEN. DETECTION	WESTINGHOUSE	ALARM
12	DC BUS 11 GEN. DETECTION	WESTINGHOUSE	ALARM
13	DC BUS 12 GEN. DETECTION	WESTINGHOUSE	ALARM
14	DC BUS 13 GEN. DETECTION	WESTINGHOUSE	ALARM
15	DC BUS 14 GEN. DETECTION	WESTINGHOUSE	ALARM
16	DC BUS 15 GEN. DETECTION	WESTINGHOUSE	ALARM
17	DC BUS 16 GEN. DETECTION	WESTINGHOUSE	ALARM
18	DC BUS 17 GEN. DETECTION	WESTINGHOUSE	ALARM
19	DC BUS 18 GEN. DETECTION	WESTINGHOUSE	ALARM
20	DC BUS 19 GEN. DETECTION	WESTINGHOUSE	ALARM
21	DC BUS 20 GEN. DETECTION	WESTINGHOUSE	ALARM
22	DC BUS 21 GEN. DETECTION	WESTINGHOUSE	ALARM
23	DC BUS 22 GEN. DETECTION	WESTINGHOUSE	ALARM
24	DC BUS 23 GEN. DETECTION	WESTINGHOUSE	ALARM
25	DC BUS 24 GEN. DETECTION	WESTINGHOUSE	ALARM

BECHTEL COMPANY

PALISADES PLANT

CONSUMERS POWER COMPANY

SINGLE LINE METER & RELAY DIAGRAM

125V DC

120V INSTRUMENT & PREFERRED AC SYSTEM

5935

E-8

8

DR. D. T. BINSACK 4-2-75

APP. E. R. Longman 4-23-75

APP. P. Lohr 4-23-75

APP. C. C. Taylor 4-23-75

CONSUMERS POWER CO.

ELECTRIC ENGINEERING DEPT.

JACKSON, MICHIGAN

S. REGION

KAL. DIV.

NO. WD 950

T

SO. HAVEN, 6 MI. SW

SHEET 21

CORRECTED TO 4-2-75

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