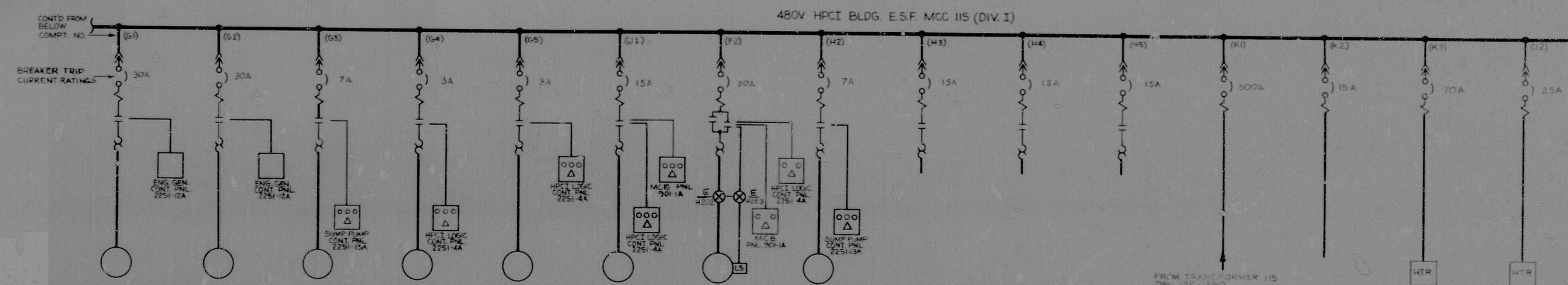
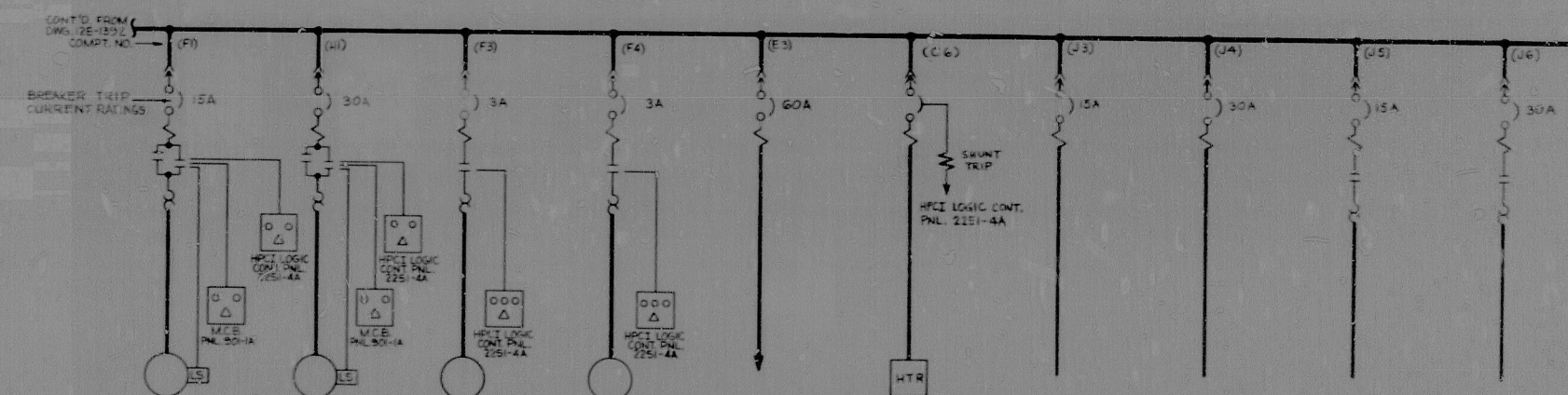


12E-1393



| WIRING DIAGRAM | 12E-1487F                                         | 12E-1487F                                          | 12E-1487F                       | 12E-1487F                                   | 12E-1487F                                    | 12E-1487G                                      | 12E-1487F                               | 12E-1487G                        | 12E-1487G | 12E-1487G | 12E-1487G | 12E-1487H                                       | 12E-1487H | 12E-1487H                              | 12E-1487G                          |
|----------------|---------------------------------------------------|----------------------------------------------------|---------------------------------|---------------------------------------------|----------------------------------------------|------------------------------------------------|-----------------------------------------|----------------------------------|-----------|-----------|-----------|-------------------------------------------------|-----------|----------------------------------------|------------------------------------|
| SCHEMATIC DIAG | 12E-1427J                                         | 12E-1487J                                          | 12E-1422B                       | 12E-1422A                                   | 12E-1422A                                    | 12E-1420G                                      | 12E-1420A                               | 12E-1422B                        |           |           |           |                                                 |           |                                        |                                    |
| WIRING DIAG    | 10                                                | 10                                                 | 2                               | 1/4                                         | 1/4                                          | 7.5                                            | 103                                     | 2                                |           |           |           |                                                 |           |                                        |                                    |
| WIRING DIAG    | 100/2                                             | 100/2                                              | 100/1                           | 100/1                                       | 100/1                                        | 100/1                                          | 100/2                                   | 100/1                            | 100/1     | 100/1     | 100/2     | 600/-                                           | 100/1     | 15KW                                   | 12KW                               |
| SERVICE        | DIESEL GENERATOR<br>AIR STARTING<br>COMPRESSOR BG | DIESEL GENERATOR<br>AIR STARTING<br>COMPRESSOR BGA | DUPLEX<br>SLUMP PUMP<br>G-6103A | EAST BATTERY ROOM<br>EXHAUST FAN<br>X-6103A | EAST DAY TANK<br>ROOM EXHAUST FAN<br>X-6104A | EAST ELECT EQUIP<br>ROOM SUPPLY FAN<br>X-6102A | HPCI<br>INJECTION VALVE<br>M.D. G-6104A | DUPLEX<br>SLUMP PUMP<br>G-6103AB | SPARE     | SPARE     | SPARE     | 480V MCC 115<br>RESERVE FEED<br>CIRCUIT BREAKER | SPARE     | HPCI DG K-6101A<br>IMMERSION<br>HEATER | HPCI DG K-6101A<br>SPACE<br>HEATER |
| EQUIPMENT NO.  |                                                   |                                                    | S-6103AA                        | X-6103AB                                    | X-6103AB                                     | X-6102A                                        | I-6104A                                 | G-6103AB                         |           |           |           |                                                 |           |                                        |                                    |



NOTES

1)  $\frac{E}{NO}$  - DENOTES ELECTRICAL PENETRATION

2) FOR SYMBOLS (DEVICE NUMBERS, REFER TO  
S&L STANDARD # EC - NO EC - W AND EC - NO

|                         |                  |             |                               |                                |                         |                         |           |           |           |           |
|-------------------------|------------------|-------------|-------------------------------|--------------------------------|-------------------------|-------------------------|-----------|-----------|-----------|-----------|
| WIRING DIAGRAM          | 12E-14B7F        | 12E-14B7G   | 12E-14B7F                     | 12E-14B7F                      | 12E-14B7E               | 12E-14B7D               | 12E-14B7G | 12E-14B7G | 12E-14B7G | 12E-14B7G |
| SCHEMATIC DIAG.         | 12E-1420C        | 12E-1420B   | 12E-1422A                     | 12E-1422A                      |                         |                         |           |           |           |           |
| POWER MOTOR RATING (KW) | 7.5              | 10.3        | 1/4                           | 1/4                            | 45 KW                   | 5 KW                    |           |           |           |           |
| MAX FRAME CURRENT (A)   | 100/1            | 100/-       | 100/1                         | 100/1                          | 100/-                   | 100/-                   | 100/-     | 100/-     | 100/1     | 100/2     |
| SERVICE                 | HP/CI LINE VALVE | HP/CI VALVE | EAST BATTERY ROOM EXHAUST FAN | EAST DAY TANK ROOM EXHAUST FAN | WELDING RECEPTACLE FEED | VALVE HOUSE UNIT HEATER | SPARE     | SPARE     | SPARE     | SPARE     |
|                         | MD-1-G08         | MD-1-G03A   | X-G03AA                       | X-G10AA                        |                         | E-G111AA                |           |           |           |           |
| EQUIPMENT NO.           | 1-G08            | 1-G03AA     | X-G03AA                       | X-G10AA                        |                         | E-G111AA                |           |           |           |           |

FOR REFERENCE DRAWINGS FEBRUARY 1950

ESF DIVISION I

NUCLEAR SAFETY RELATED  
EQUIPMENT IS SHOWN ON THIS DRAWING.

KEY DIAGRAM  
480V HPCI BLDG. E.S.F. MCC 115-PT. 2  
HPCI SYSTEM  
DRESDEN NUCLEAR POWER STA.-UNIT 1  
COMMONWEALTH EDISON COMPANY  
CHICAGO, ILLINOIS

|          |      |         |
|----------|------|---------|
| SCALE    | NONE |         |
| GRUNTS   | 5    | 4-24-76 |
| CHEERED  | 10   | 4-5-78  |
| SWINGER  | 6    | 4-3-78  |
| APPROACH | 10   | 4-7-78  |
| JOINING  | 10   |         |
| 4-2-78   |      |         |

**SARGENT & LUNDY**  
CHICAGO

DRAWING NO  
12E-1393

24X

CAMERA  
EXPOSURE

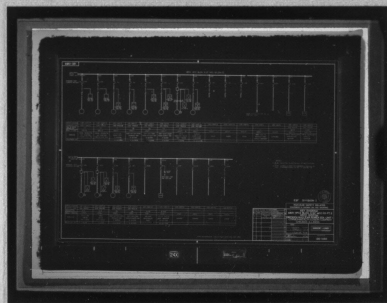
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DDAELE



1393