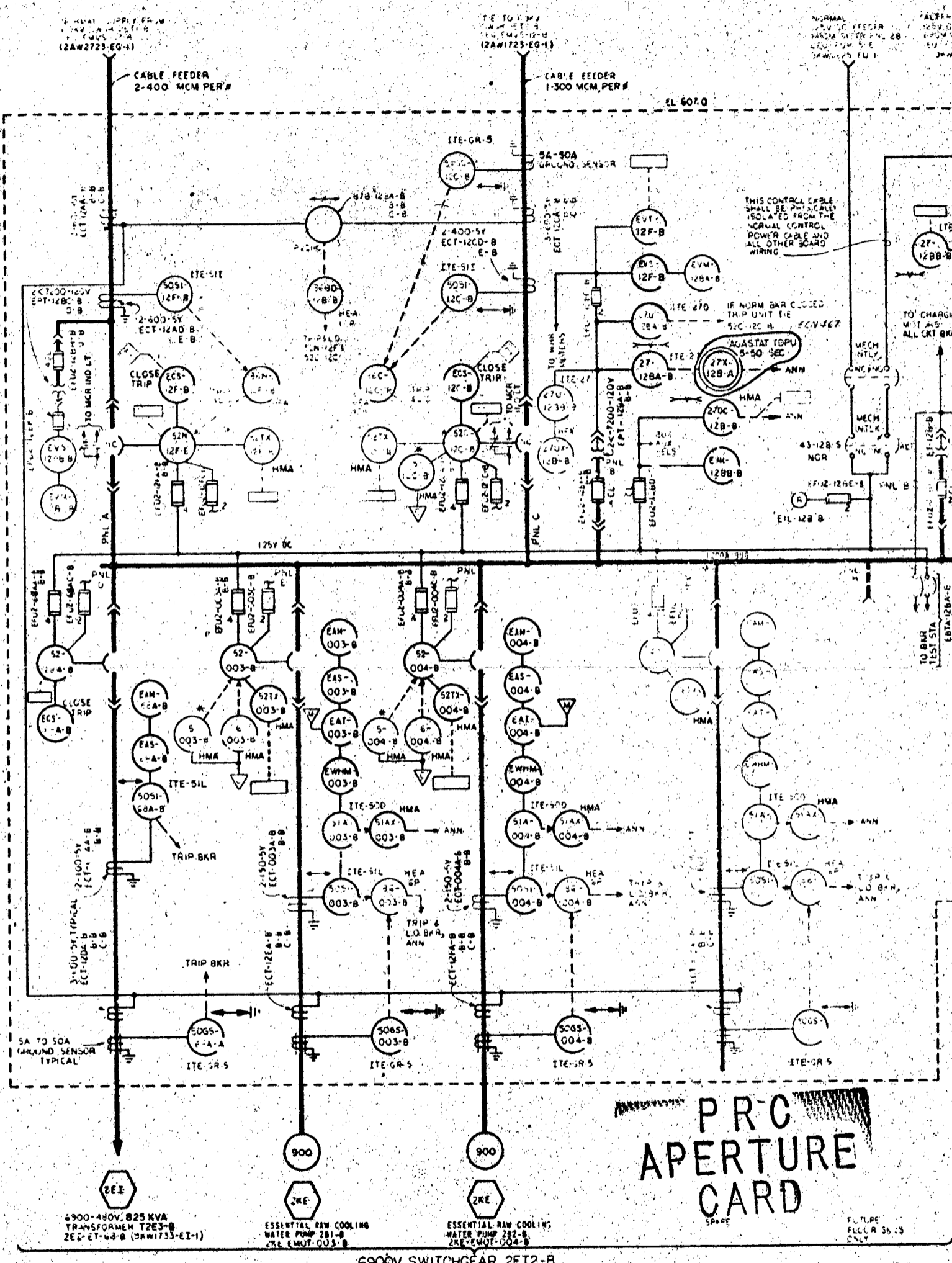
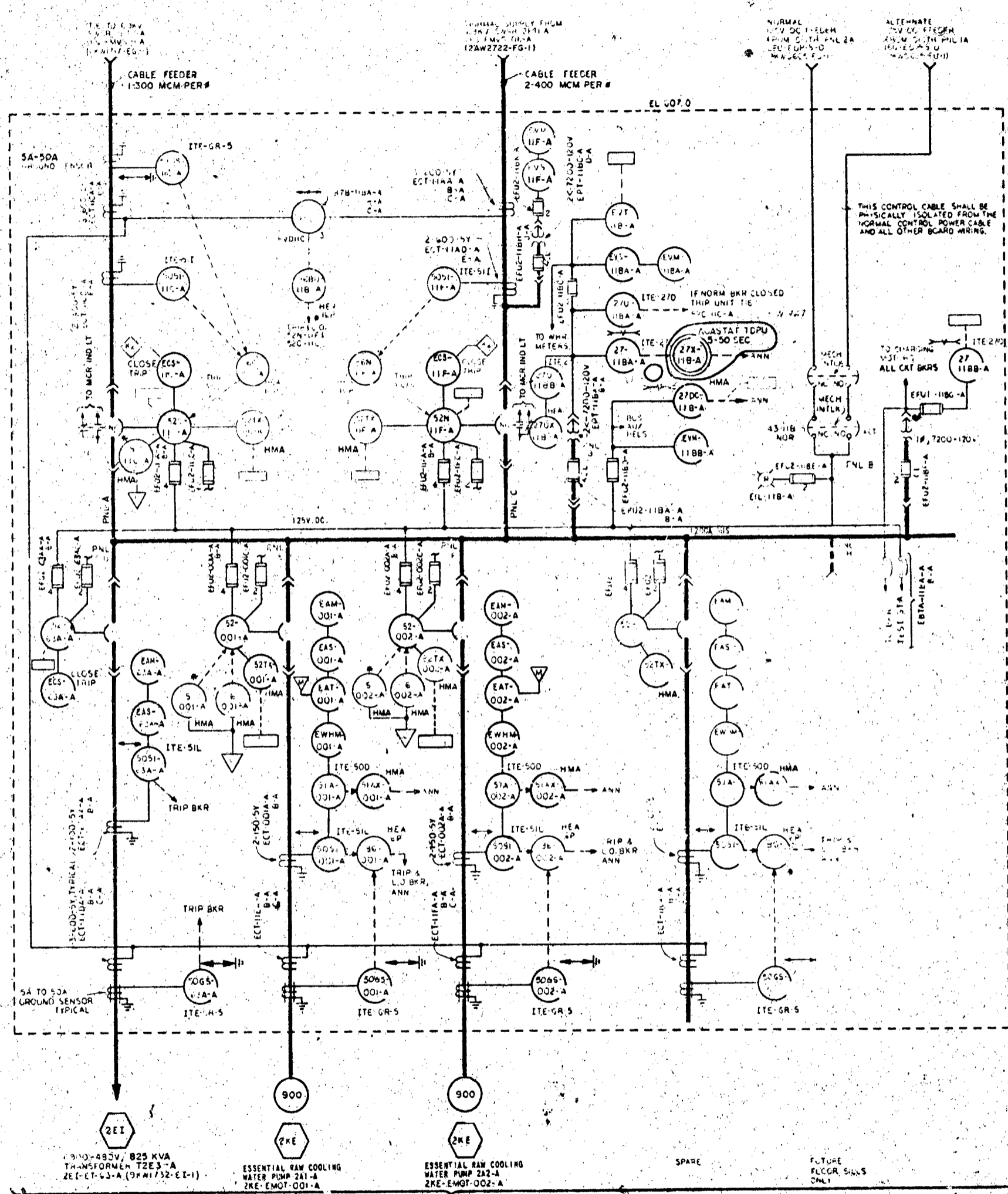


- UNIT DESIGNATIONS FOR COMPONENTS REFERRED TO IN THIS SWGR
- ECT-11AA-A THRU C-A
  - ECT-11CA-A THRU C-A
  - ECT-11DA-A THRU C-A
  - ECT-11EA-A THRU C-A
  - ECT-11FA-A THRU C-A
  - ECT-11GA-A THRU C-A
  - ECT-11HA-A THRU C-A
  - ECT-11IA-A THRU C-A
  - ECT-11JA-A THRU C-A
  - ECT-11KA-A THRU C-A
  - ECT-11LA-A THRU C-A
  - ECT-11MA-A THRU C-A
  - ECT-11NA-A THRU C-A
  - ECT-11OA-A THRU C-A
  - ECT-11PA-A THRU C-A
  - ECT-11QA-A THRU C-A
  - ECT-11RA-A THRU C-A
  - ECT-11SA-A THRU C-A
  - ECT-11TA-A THRU C-A
  - ECT-11UA-A THRU C-A
  - ECT-11VA-A THRU C-A
  - ECT-11WA-A THRU C-A
  - ECT-11XA-A THRU C-A
  - ECT-11YA-A THRU C-A
  - ECT-11ZA-A THRU C-A

- UNIT DESIGNATIONS FOR COMPONENTS REFERRED TO IN THIS SWGR
- ECT-11AA-B THRU C-B
  - ECT-11CA-B THRU C-B
  - ECT-11DA-B THRU C-B
  - ECT-11EA-B THRU C-B
  - ECT-11FA-B THRU C-B
  - ECT-11GA-B THRU C-B
  - ECT-11HA-B THRU C-B
  - ECT-11IA-B THRU C-B
  - ECT-11JA-B THRU C-B
  - ECT-11KA-B THRU C-B
  - ECT-11LA-B THRU C-B
  - ECT-11MA-B THRU C-B
  - ECT-11NA-B THRU C-B
  - ECT-11OA-B THRU C-B
  - ECT-11PA-B THRU C-B
  - ECT-11QA-B THRU C-B
  - ECT-11RA-B THRU C-B
  - ECT-11SA-B THRU C-B
  - ECT-11TA-B THRU C-B
  - ECT-11UA-B THRU C-B
  - ECT-11VA-B THRU C-B
  - ECT-11WA-B THRU C-B
  - ECT-11XA-B THRU C-B
  - ECT-11YA-B THRU C-B
  - ECT-11ZA-B THRU C-B



REF ID	DESCRIPTION	DATE
1	ISSUED FOR DESIGN	12-27-74
2	ISSUED FOR CONSTRUCTION	1-15-75
3	ISSUED FOR CONSTRUCTION	1-15-75
4	ISSUED FOR CONSTRUCTION	1-15-75
5	ISSUED FOR CONSTRUCTION	1-15-75
6	ISSUED FOR CONSTRUCTION	1-15-75
7	ISSUED FOR CONSTRUCTION	1-15-75
8	ISSUED FOR CONSTRUCTION	1-15-75
9	ISSUED FOR CONSTRUCTION	1-15-75
10	ISSUED FOR CONSTRUCTION	1-15-75
11	ISSUED FOR CONSTRUCTION	1-15-75
12	ISSUED FOR CONSTRUCTION	1-15-75

SWITCHGEAR MANUFACTURER: Z-T-E IMPERIAL CORPORATION  
CONTRACT NUMBER: 75-KS-95593

- SYMBOLS
- AXX - AUX RELAY AND DESPIRING NETWORK IS USED FOR INTERFACE WITH SSCS RELAY COIL IS 125V DC
  - XXX - UNIT SYSTEM DESIGNATION
  - INTERFACE WITH STATUS ENVIRONMENTAL ALARM MONITORING SYS. (SEAMS)
  - REMOTE METER CONNECTION
  - THIS FUNCTION TO BE MONITORED BY ONE OR MORE ANNUNCIATION OR ALARM SYSTEMS
  - RED INDICATING LIGHT
  - KEY INTERLOCK

- NOTES
- ALL BREAKERS ARE 1200A CONTINUOUS, 5000MVA INTERRUPTING, 7200V NOMINAL, 90000 AMPERE MOMENTUM, 77000 AMPERE CLOSE AND LATCH, THE SWITCH CLEAR HAIN BUS RATING IS 12000 AMPERE CONTINUOUS, 50000 AMPERE MOMENTUM, 7200V NOMINAL.
  - EACH DEVICE ASSOCIATED WITH THE SWITCHGEAR BUS AND THE NORMAL & THE CIRCUIT BREAKERS IS PART OF THE 6.9KV CLASS I.E. AC AUXILIARY POWER DISTRIBUTION SYSTEM WITH UNIT AND SYS DESIGNATION 2EG. THE DEVICE UNIT IS FORMED BY PREFIXING THE DESIGNATIONS SHOWN ON THE DWG WITH ZEG EXCEPT AS NOTED. ALL OTHER BUSES WITH THEIR ASSOCIATED DEVICES ARE PART OF THE SYS WHICH THEY SUPPLY. THE UNIT IS FORMED BY PREFIXING THE DESIGNATIONS SHOWN IN THE HEXAGON SYMBOL AS NOTED. THE SWGR PNL NO AND DESIGNATIONS ARE FORMED AS FOLLOWS USING THE PNL NO (XX), AND THE TRAM DESIGNATION (Y) A OR B; ZEG-EMVS-11XX-Y.
  - THE UNDO CODE FOR ALL DIFFERENTIAL CT'S IS FORMED BY PREFIXING THE DESIGNATIONS SHOWN ON THIS DWG WITH ZEG.
  - RELAYS SHALL BE THE TYPES SHOWN ON THIS DWG.
  - THIS SWGR IS CLASS I.E.

REV	DATE	DESCRIPTION	BY	CHKD	APPV
1	12-27-74	ISSUED FOR DESIGN	R.M. [Signature]	J.S. [Signature]	[Signature]
2	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
3	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
4	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
5	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
6	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
7	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
8	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
9	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
10	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
11	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]
12	1-15-75	ISSUED FOR CONSTRUCTION	R.M. [Signature]	J.S. [Signature]	[Signature]

PRC  
APERTURE  
CARD

Doc # 54-438  
Control # 830 4450 536  
Date 3-25-83 of Document  
REVISION DOCKET FILE

INSPECTED AND APPROVED FOR ISSUE  
R.M. [Signature]  
DESIGN PROJECT NUMBER

UNIT 2  
SINGLE LINE  
6900V SWITCHGEAR 2ET2-A & 2ET2-B  
2EG-EMVS-11-A AND 2EG-EMVS-12-B

BELLEVILLE NUCLEAR PLANT  
TENNESSEE VALLEY AUTHORITY  
DIVISION OF ENGINEERING DESIGN

SUBMITTED	RECOMMENDED	APPROVED
[Signature]	[Signature]	[Signature]

KNOXVILLE 12-27-74 2KW2718-EG-1 R5  
35W718-1