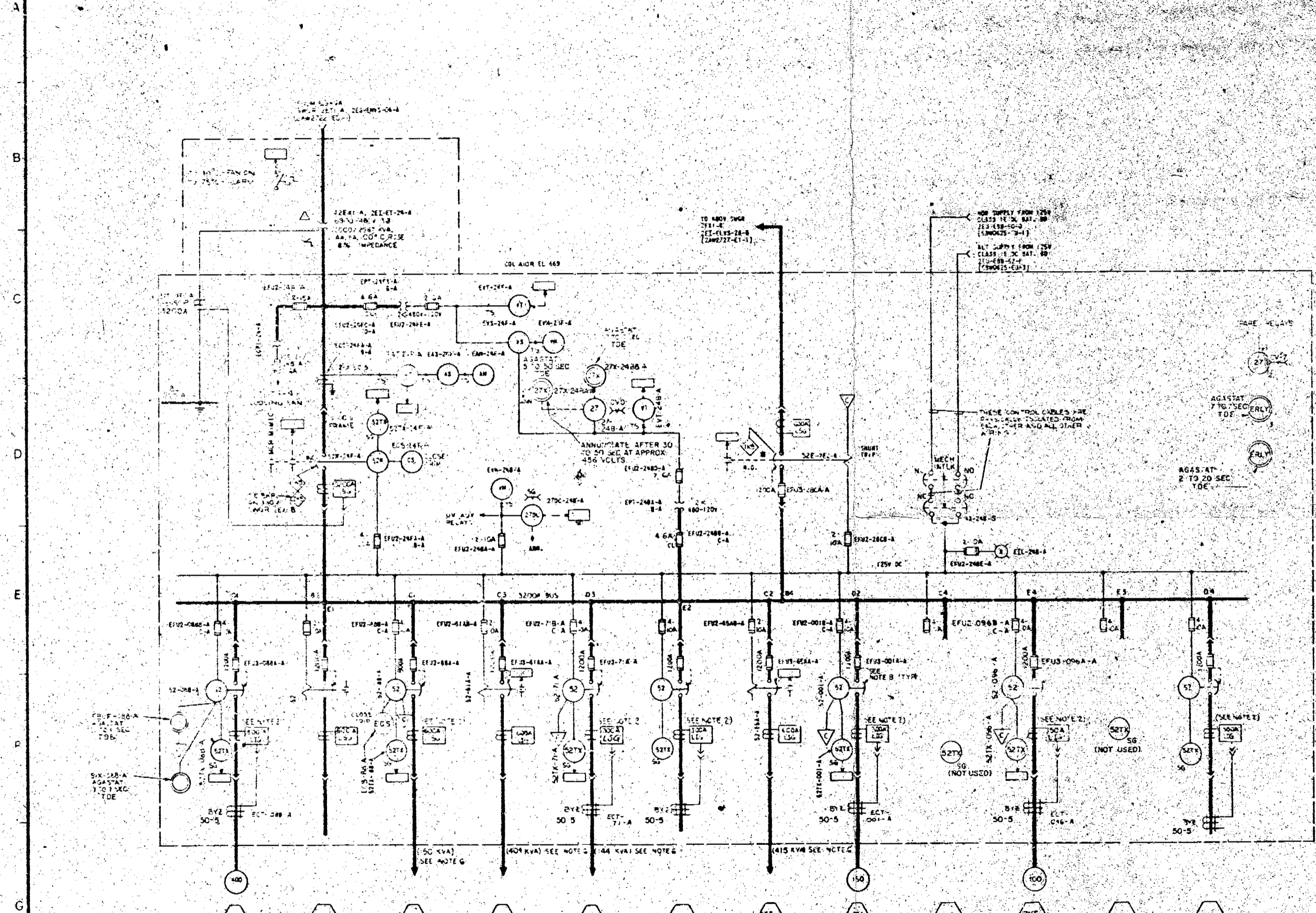


REFERENCE DRAWINGS	
2007-1-1	UNIT 2 ELECTRICAL POWER SYSTEM 2E-1
2007-1-1	450V SWGR 2E-1-1 SYSTEM ASSEMBLY

- NOTES:
1. ALL PARTS ARE 1-PHASE, 300V, 15 AMP, UNLESS OTHERWISE SPECIFIED.
 2. ALL PARTS ARE 1-PHASE, 300V, 15 AMP, UNLESS OTHERWISE SPECIFIED.
 3. ALL PARTS ARE 1-PHASE, 300V, 15 AMP, UNLESS OTHERWISE SPECIFIED.
 4. ALL PARTS ARE 1-PHASE, 300V, 15 AMP, UNLESS OTHERWISE SPECIFIED.
 5. ALL PARTS ARE 1-PHASE, 300V, 15 AMP, UNLESS OTHERWISE SPECIFIED.



Docent # 52-138
Control # 8304505-26
Date 3-25-83
of Document
REGULATORY DOCKET FILE

**P.R.C
APERTURE
CARD**

1. THIS SWGR IS SUBJECT TO ALL REQUIREMENTS FOR CLASS 1E, ELEC. CAB.
2. EACH DEVICE ASSOCIATED WITH THE SWGR BUS TRANSFORMER, WITH THE BUS OR THE SWGR, IS PART OF THE 480V CLASS 1E DC RAT. 50.
3. THIS FUNCTION TO BE MONITORED BY ONE OR MORE ANNUNCIATION OR ALARM SYSTEMS.
4. RED INDICATING LIGHT.
5. SOLID STATE TRIP DEVICE WITH SENSOR EXTING. SHOWN.
6. LONG TIME DELAY (OVERLOAD).
7. SHORT TIME DELAY (SELECTIVE TRIP).
8. INSTANTANEOUS (FAULT CURRENT).
9. INTERFACE FOR STATUS, ENVIRONMENTAL, AND ALARM MONITORING SYS. (SEMI).
10. WHEN TRIPPER IS BACKED OUT (DISCONNECTED) POSITIVE LOCKING MECHANISM TO INSURE TRIPPER DO NOT CLOSE IS REQUIRED IN TRIP POSITION.
11. INTERFACE FOR REMOTE CONTROL.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

AUXILIARY BUILDING
UNIT 2
SINGLE LINE DIAGRAM
480V SWITCHGEAR 2E1-A
2E1-ELV 24-A
BELLEFONTE NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ELECTRICAL DESIGN

INSPECTED AND APPROVED FOR THE K.M. [Signature] SEVEN VALLEY AUTHORITY	RECOMMENDED T. [Signature]	APPROVED L.W. [Signature]
KNOWVILLE 2-3-83	2AW272E-E1-1	45W720-1