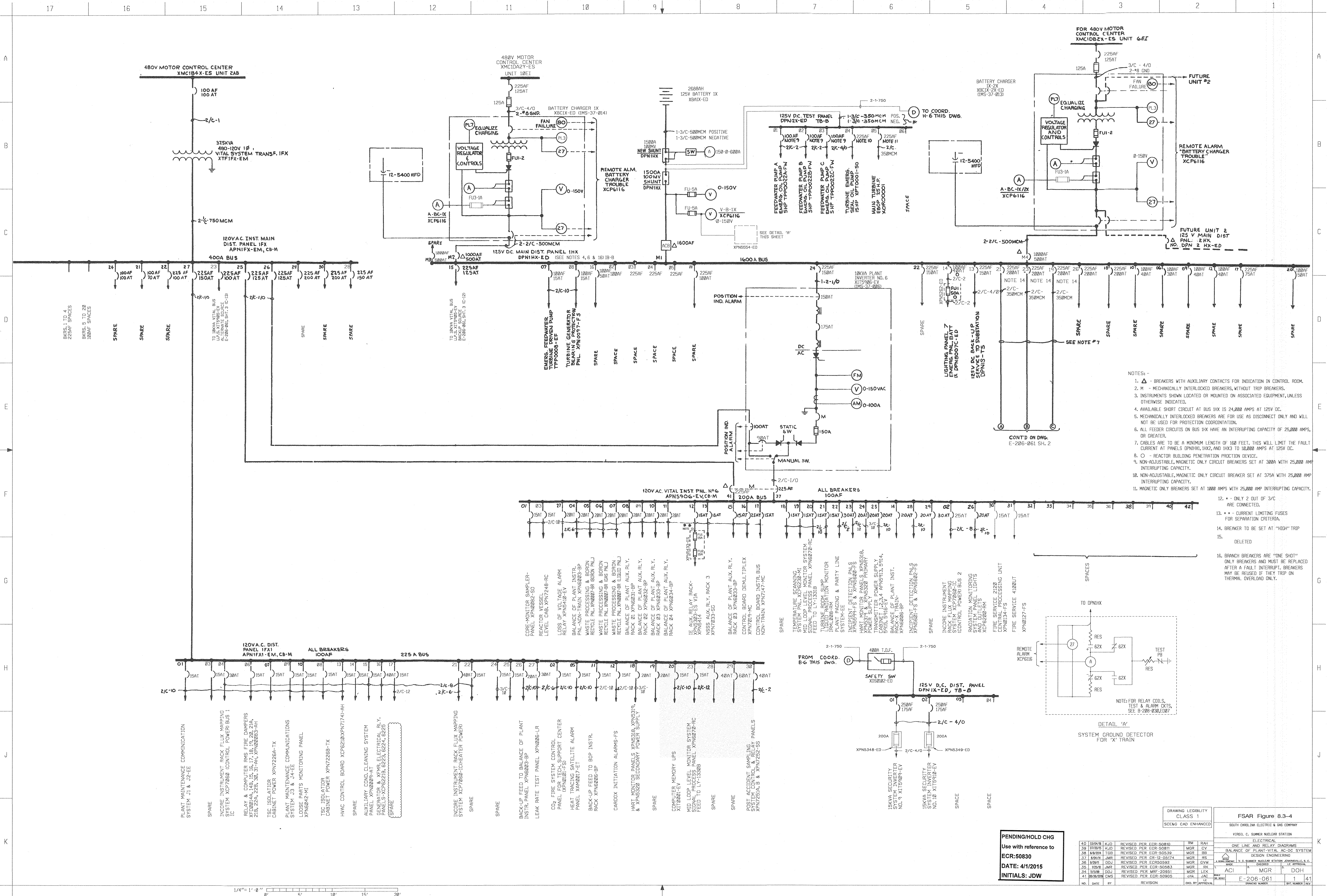
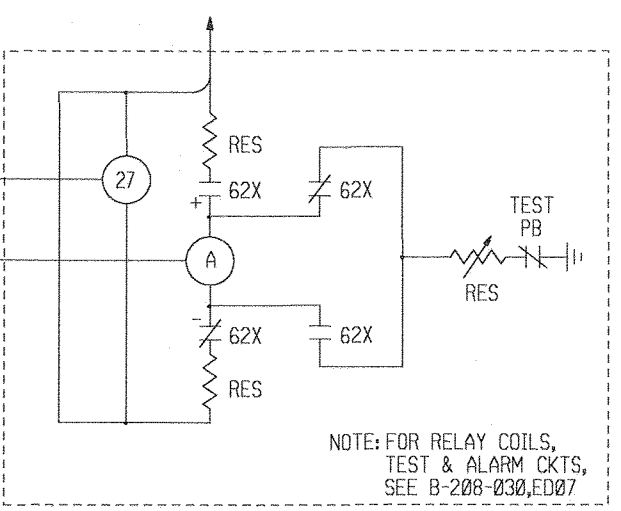




- NOTES:-
- 1. Δ - BREAKERS WITH AUXILIARY CONTACTS FOR INDICATION IN CONTROL ROOM.
 - 2. M - MECHANICALLY INTERLOCKED BREAKERS, WITHOUT TRIP BREAKERS.
 - 3. INSTRUMENTS SHOWN LOCATED OR MOUNTED ON ASSOCIATED EQUIPMENT, UNLESS OTHERWISE INDICATED.
 - 4. AVAILABLE SHORT CIRCUIT AT BUS 1HX IS 24,000 AMPS AT 125V DC.
 - 5. MECHANICALLY INTERLOCKED BREAKERS ARE FOR USE AS DISCONNECT ONLY AND WILL NOT BE USED FOR PROTECTION COORDINATION.
 - 6. ALL FEEDER CIRCUITS ON BUS 1HX HAVE AN INTERRUPTING CAPACITY OF 25,000 AMPS, OR GREATER.
 - 7. CABLES ARE TO BE A MINIMUM LENGTH OF 150 FEET, THIS WILL LIMIT THE FAULT CURRENT AT PANELS DPNHX, HX2, AND HX3 TO 10,000 AMPS AT 125V DC.
 - 8. ○ - REACTOR BUILDING PENETRATION PROTECTION DEVICE.
 - 9. NON-ADJUSTABLE, MAGNETIC ONLY CIRCUIT BREAKERS SET AT 300A WITH 25,000 AMP INTERRUPTING CAPACITY.
 - 10. NON-ADJUSTABLE, MAGNETIC ONLY CIRCUIT BREAKER SET AT 375A WITH 25,000 AMP INTERRUPTING CAPACITY.
 - 11. MAGNETIC ONLY BREAKERS SET AT 1000 AMPS WITH 25,000 AMP INTERRUPTING CAPACITY.
 - 12. ○ - ONLY 2 OUT OF 3/C ARE CONNECTED.
 - 13. --- CURRENT LIMITING FUSES FOR SEPARATION CRITERIA.
 - 14. BREAKER TO BE SET AT "HIGH" TRIP.
 - 15. DELETED.
 - 16. BRANCH BREAKERS ARE "ONE SHOT" ONLY BREAKERS AND MUST BE REPLACED AFTER A FAULT INTERRUPT. BREAKERS MAY BE REUSED IF THEY TRIP ON THERMAL OVERLOAD ONLY.



PENDING/HOLD CHG
Use with reference to
ECR:05030
DATE: 4/1/2015
INITIALS: JDW

DRAWING LEGIBILITY		CLASS 1		CLASS 2	
DESIGN	CAD	ENHANCED	ENHANCED	ENHANCED	ENHANCED
FSAR Figure 8.3-4					
SOUTH CAROLINA ELECTRIC & GAS COMPANY					
VINH C. SUMNER NUCLEAR STATION					
ELECTRICAL					
ONE LINE AND RELAY DIAGRAMS					
BALANCE OF PLANT VITAL AC-DC SYSTEM					
DESIGN ENGINEERING					
A. SUMNER NUCLEAR STATION, VINH C. SUMNER, SOUTH CAROLINA					
40	REVISED	PER ECR-50530	RM	RAY	
39	REVISED	PER ECR-50531	MGR	CV	
38	REVISED	PER ECR-50539	MGR	BB	
37	REVISED	PER ECR-50574	MGR	DS	
36	REVISED	PER ECR-50592	MGR	CVW	
35	REVISED	PER ECR-50583	MGR	IK	
34	REVISED	PER ECR-50581	MGR	LYK	
41	REVISED	PER ECR-50505	CHK	JAC	
NO.	DATE	BY	REVISION	DESIGN	APPROVAL
1					
E-206-061				1	41
DRAWING NUMBER				REV. NUMBER	

1/4" = 1' - 0"