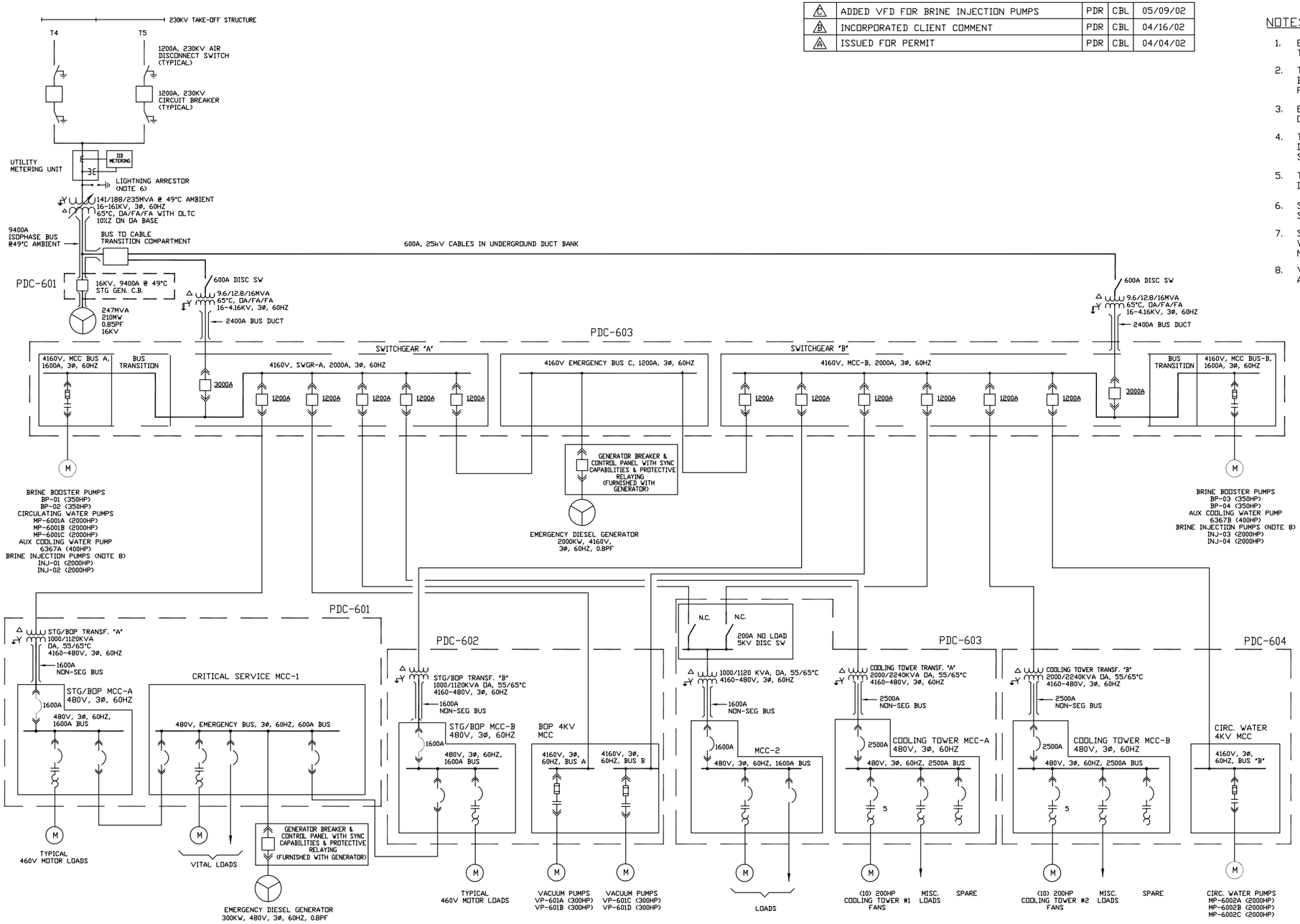
C	ADDED VFD FOR BRINE INJECTION PUMPS	PDR	CBL	05/09/02
B	INCORPORATED CLIENT COMMENT	PDR	CBL	04/16/02
A	ISSUED FOR PERMIT	PDR	CBL	04/04/02

NOTES

1. EQUIPMENT SIZES AND RATINGS ARE PRELIMINARY. THE RATING IS BASED ON 49 DEG. C AMBIENT.
2. THE GENERATOR STEP-UP TRANSFORMER SIZE IS BASED ON 200MW NET OUTPUT AND WILL BE PROVIDED WITH ON-LOAD TAP CHANGER.
3. EACH UNIT AUXILIARY TRANSFORMER IS SIZED AT 50% OF THE TOTAL INSTALLED AUXILIARY LOADS.
4. TRANSFORMER IMPEDANCES AND BREAKER INTERRUPTING RATINGS WILL BE SELECTED/FINALIZED DURING DETAILED DESIGN.
5. THE EMERGENCY DIESEL GENERATORS ARE NOT DESIGNED FOR BLACK START.
6. SURGE ARRESTORS ARE FURNISHED WITH GENERATOR STEP-UP TRANSFORMER.
7. SWITCHYARD WILL BE BY THE UTILITY COMPANY. THE WORK BEYOND THE 230KV TAKE-OFF STRUCTURE IS NOT INCLUDED IN THE PLANT SCOPE.
8. VARIABLE FREQUENCY DRIVE (VFD) PROVIDED FOR ALL BRINE INJECTION PUMPS.



REV.	description	int PREP	int CHK	date DATE
A				

CAL ENERGY OPERATING CORPORATION
A MIDAMERICAN ENERGY HOLDINGS COMPANY AFFILIATE
7030 GENTRY ROAD
CALIPATRIA, CALIFORNIA 92233

SALTON SEA UNIT 6

Bibb and associates
A KIEWIT COMPANY

FIGURE 3.3-8 ONE-LINE DIAGRAM

	by	date	SHEET
DESIGNED			of
DRAWN			DRAWING NUMBER
CHECKED			
APPROVED			2002-024-EO-001 A