

RASTER=800848.dgn
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CAD User: MIBF J0114 05-22-2006

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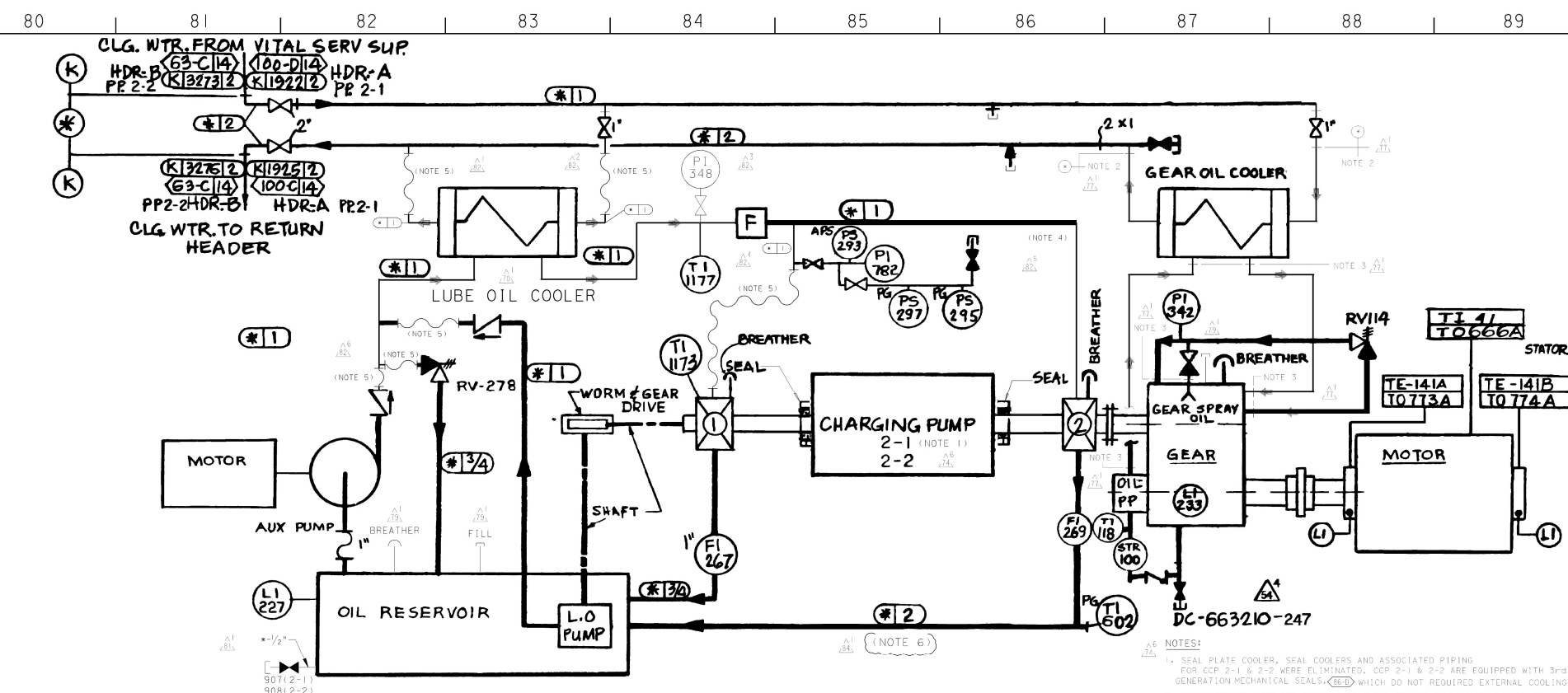
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DC-663210-50

CENTRIFUGAL CHARGING PUMPS

LUBE OIL, GEAR OIL, AND SEAL FLUSH & CLR. PIPING

CHARGING PUMP	INSTRUMENT ON LUBE OIL SYSTEM										INSTRUMENT ON GEAR OIL SYSTEM						
	OIL RESEV LEVEL	RELIEF VALVE AFTER PUMP	LUBE OIL COOLER	PRES BEFORE FILTER	PRES AFTER FILTER	AUTO PUMP START.	THRST BRG. IND	THRST BRG. OUT	RAD BRG OUT	LUBE OIL COOLER WTR SUPPLY CROSS REF CO-ORD SCHEM.	OIL RESEV LEVEL	OIL RESEV TEMP	OIL PUMP DISCH STR	PRES AFTER COOLER	RELIEF VALVE AFTER COOLER	GEAR COOLER WTR SUPPLY CROSS REF CO-ORD SCHEM.	
	L1	RV	T1	P1	P1	PS	T1	F1	F1		L1	T1	STR	P1	RV		
2 - 1	227	278	1177	348	782	293	1173	267	269	101-B14	233	118	100	342	114	102-B14	
2 - 2	228	279	1178	349	783	294	1174	268	270	63-B14	234	119	101	343	115	64-B14	
	INBD.MOTOR BRG. OUTBD.MOTOR BRG. PUMP INBD.BRG.OIL										STATOR WINDING						
2 - 1	TE 141A/T0773A			TE 141B/T0774A			TI-602			TI 41/ T0666A							
2 - 2	TE 141C/T0775A			TE 141D/T0776A			TI-603			TI 42 / T0667A							

- NOTES:
- SEAL PLATE COOLER, SEAL COOLERS AND ASSOCIATED PIPING FOR CCP 2-1 & 2-2 WERE ELIMINATED. CCP 2-1 & 2-2 ARE EQUIPPED WITH 3rd GENERATION MECHANICAL SEALS, (66-D) WHICH DO NOT REQUIRED EXTERNAL COOLING.
 - MANUFACTURER SUPPLIED CCP 2-1 GEAR OIL COOLER C/W TUBING IS REPLACED WITH 1" O.D., 0.065" WALL STAINLESS STEEL TUBING. MATERIAL AND FITTINGS MEET "S" SPECIFICATION REQUIREMENTS. THE REPLACED TUBING IS CLASSIFIED AS PG&E PIPING CODE CLASS "C". (66-E) (68-E)
 - MANUFACTURER SUPPLIED CCP 2-1 GEAR OIL TUBING IS REPLACED WITH 3/4" O.D., 0.049" WALL STAINLESS STEEL TUBING. MATERIAL AND FITTINGS MEET "S" SPECIFICATION REQUIREMENTS.
 - MANUFACTURER SUPPLIED INBOARD SUPPLY TUBING IS REPLACED WITH 3/4" O.D., 0.049" WALL STAINLESS STEEL TUBING. MATERIAL AND FITTINGS MEET "S" SPECIFICATION REQUIREMENTS.
 - TUBING HAS BEEN CHANGED TO ALL STAINLESS STEEL FLEXIBLE STYLE. FITTINGS CONFORM TO MEET "S" SPECIFICATION REQUIREMENTS.
 - FOR CCP 2-1 ONLY: PORTIONS OF PIPING HAVE BEEN REPLACED WITH 2" PIPE PER PIPE SPEC. "J". THE REPLACED PIPING IS CLASSIFIED AS PG&E PIPING CODE CLASS "C". REFERENCE AT-MM A0641489.

DIABLO CANYON POWER PLANT - PG&E CO. CHEMICAL & VOLUME CONTROL SYSTEM			
DRAWING	SHEET	PAGE	REV
108008	8	0	84

05-22-2006	MIBF	RMDI	KERSI J. DALAL	MECHANICAL	M 16690	3/31/2008	REVISED PER FCT-030318
DATE	OWN	RE	IV	PROFESSIONAL ENGINEER	PE DISC.	PE*	PE EXP.