

NOTES:  
 1. TE-446 (WAS TI-446) PROVIDES INPUT SIGNAL TO REPLACEMENT DIGITAL TS-34/TI-500. (2018-E-135)

DESCRIPTIONS		PG & INSTR		108020 COORD	(W) DEV. NO.
		FWP 2-2	FWP 2-1		
LINE BEARING	DRAIN OIL	TI-436	TI-447	62-D	TC/OD
		TI-491	TI-497	62-D	23/1BRG
	METAL	TS-19	TS-28	62-E	23/1BRG
		TI-492	TI-498	63-E	TC/#1 BRG
THRUST BEARING	NORMAL DIRECTION	T2345A	T2352A		
		TI-438	TI-449	63-E	TC/NTB
	REVERSE DIRECTION	T2347A	T2354A		
		TI-439	TI-536	63-F	TC/RTB
LINE BEARING	DRAIN OIL	TI-437	TI-448	63-D	TC/TB/OD
		TI-493	TI-499	63-D	23/TBA
	METAL	TS-20	TS-33	63-D	23/TBA
		TI-435	TI-446	61-E	TC/OD
LUBE OIL COOLERS	INLET	TI-494	TI-500	61-D	23/2BRG
		TS-18	TS-34	61-D	23/2BRG
	OUTLET	TI-495	TI-501	61-E	TC/#2 BRG
		T2346A	T2353A		
BEARING OIL SUPPLY	BEFORE FILTER	STR-38	STR-40	69-B	FILTER
		PS-79	PS-82	69-B	63/OF
	AFTER FILTER	PI-325	PI-331	68-B	-
		TI-440	TI-443	69-B	TC/OF-1
MAIN OIL PUMP	NO 1	TI-496	TI-502	69-A	23/OCD
		TS-17	TS-36	69-A	23/OCD
	NO 2	TT-78	TT-79	69-A	TC/OCD
		RV-107	RV-108	65-A	-
HYDRAULIC POWER UNIT (HPU)	START & TEST	PI-328	PI-334	62-D	-
		PS-88	PS-101	62-D	63/LBO
	RUNNING	FI-70	FI-21	69-A	-
		RO-1	RO-14	67-B	-
HIGH PRESSURE SERVOMOTOR	STOP VALVE	PS-83	PS-96	67-B	63/MP01-1
		SV-133	SV-148	67-B	20/MOP-1
	GOV V	PS-80	PS-93	67-B	63/MOP 1-2
		RO-2	RO-15	67-B	-
HYDRAULIC POWER UNIT (HPU)	START & TEST	PS-81	PS-94	67-B	63/MOP2-1
		SV-134	SV-147	67-B	20/MOP 2
	RUNNING	PS-82	PS-95	67-B	63/MOP 2-2
		RO-3	RO-16	68-B	-
HYDRAULIC POWER UNIT (HPU)	DISCH TO BRG	PCV-1561	PCV-1551	648-D	RV-1
		PCV-1562	PCV-1552	648-C	RV-2
	FILTER NO. 1	HPU2F1	HPU1F1	658-D	NA
		HPU2F2	HPU1F2	658-C	NA
HYDRAULIC POWER UNIT (HPU)	OIL TEMPERATURE GAUGE	TI-1519	TI-1509	658-B	NA
		LI-1519	LI-1509	658-B	NA
	OIL LEVEL GAUGE	PI-1519	PI-1509	648-E	NA
		TS-1519	TS-1509	618-B	NA
HYDRAULIC POWER UNIT (HPU)	LOW OIL LEVEL SWITCH	LS-1519	LS-1509	618-B	NA
		PS-1524	PS-1514	658-D	DS-1
	FILTER 1 HIGH DIFF PRESS	PS-1525	PS-1515	658-C	DS-2
		PS-1520	PS-1510	668-D	PS 3-1, PS 3-2
HYDRAULIC POWER UNIT (HPU)	HPU DISCH PRESS LOW/LO-LO	PS-1522	PS-1512	638-D	PS-1
		PS-1523	PS-1513	638-C	PS-2
	HPU PUMP 1 LOW DISCH PRESS	PS-1521A	PS-1511A	678-D	NA
		PS-1521B	PS-1511B	688-D	NA
HYDRAULIC POWER UNIT (HPU)	HPU LOW DISCH PRESS TRIP	PS-1521C	PS-1511C	688-D	NA
		HPU2F3	HPU1F3	618-B	NA
	FILTER NO. 3	HPU2F4	HPU1F4	618-B	NA
		FILTER NO. 4			

FEEDWATER PUMP TURBINE DRIVE TABLE 4

DESCRIPTIONS			PG & INSTR NO.		108020 COORD	(W) DEV. NO.
			FWP 2-2	FWP 2-1		
EMERGENCY OIL PUMP	NO 1	START & TEST	PS-77	PS-90	62-D	63/EOP 1
		RUNNING	SV-132	SV-146	62-C	20/EOP
	HIGH TEST	RO-4	RO-17	62-D	-	
		PS-78	PS-91	68-B	63/EOP 2	
RESERVOIR OIL LEVEL	LOW TEST	RO-5	RO-18	68-B	-	
		LS-117	LS-123	66-A	71/OLH	
	LOW-LOW	SV-136	SV-150	67-B	20/OLH	
		LS-118	LS-124	66-A	71/OLL	
H.P. OIL SYSTEM	BEFORE FILTER	SV-135	SV-128	66-B	20/OLL	
		LI-970	LI-971	68-B	-	
	AFTER FILTER	PI-330	PI-347	66-B	-	
		PI-329	PI-335	66-B	-	
HIGH PRESSURE SERVOMOTOR	STOP VALVE	STR-39	STR-41	66-B	FILTER	
		PS-84	PS-97	66-B	63/OF	
	GOV V	PI-368	PI-370	66-B	-	
		TI-434	TI-445	66-B	-	
HYDRAULIC POWER UNIT (HPU)	STOP VALVE	RO-6	RO-19	67-D	-	
		POS-56&57	POS-70&71	68-D	33/SVOP&SVCL	
	GOV V	SV-141	SV-155	68-D	20/SVL	
		PI-2507	PI-2509	68-D	-	
HYDRAULIC POWER UNIT (HPU)	STOP VALVE	POI-20	POI-22	66-D	DELETED	
		POT-20	POT-22	66-D	63/GV	
	GOV V	POS-60	POS-74	66-D	33/GV	
		PO-245A	PO-242A	66-E	-	

FEEDWATER PUMP TABLE 1

DESCRIPTION		NO	FWP 2-2	FWP 2-1	108020 COORD.
LINE BEARING	DRAIN OIL	NO 1	TI-518	TI-523	61-D
	METAL		TI-517	TI-522	61-D
	OIL SUPPLY	T2349A	T2356A	61-D	
	METAL	NO 2	TI-520	TI-525	61-D
THRUST BEARING	OIL SUPPLY	NO. 1	FI-231	FI-233	60-D
	METAL		TI-533	TI-534	60-D
	OIL SUPPLY	T2350A	T2357A	60-D	
	BEARING OIL SUPPLY		FI-232	FI-234	60-D
BEARING OIL SUPPLY			TI-533	TI-534	60-D
			T2351A	T2358A	60-D
			FI-235	FI-236	60-D
			PI-850	PI-851	60-E
		PS-116	PS-119	60-E	

DESCRIPTION	PG&E INSTR NO		108020 COORD	(W) DEV NO	
	FWP 2-2	FWP 2-1			
PICK-UP	THRUST BRG WEAR	YT-80A	YT-70A	66A-C	
		YT-80B	YT-70B	66A-C	
	KEY PHASOR	YT-81	YT-71	69A-B	
		YT-82A	YT-72A	68A-C	
	FW TURBINE BRG	NO 1	YT-82B	YT-72B	68A-C
			YT-83	YT-73	68A-B
		NO 2	YT-84A	YT-74A	64A-C
			YT-84B	YT-74B	64A-C
	FW PUMP BRG	NO 1	YT-85	YT-75	64A-B
			YT-86A	YT-76A	61A-C
		NO 2	YT-86B	YT-76B	61A-C
			YT-87	YT-77	61A-B
SPEED PICKUP MPU1 SPEED PICKUP MPU2 SPEED PICKUP MPU3	NO 1	YT-88A	YT-78A	60A-C	
		YT-88B	YT-78B	60A-C	
	NO 2	YT-89	YT-79	60A-B	
		YE-1519A	YE-1509A	65A-B	
ROTOR BEARING	NO 1	YE-1519B	YE-1509B	66A-B	
		YE-1519C	YE-1509C	66A-B	
	NO 2	YT-20	YT-22	62A-B	
		YT-2014	YT-2012	67A-B	
ROTOR ECCENTRICITY		YT-2015	YT-2013	63A-B	
LOW PRESSURE SERVOMOTOR	60V V	PO-241A	PO-243A	65-E	
		POT-21	POT-23	65-D	
	STOP VALVE	PO1-21	PO1-23	65-D	
		POS-58&65	POS-72&79	66-D	
LOW PRESSURE SERVOMOTOR	STOP VALVE	POS-59	POS-73	66-D	
		SV-139	SV-153	67-C	
	GOV V	RO-7	RO-20	66-C	
		PI-2506	PI-2508	66-C	
PROTECTIVE DEVICE	VACUUM TRIP	POS-61	POS-75	65-C	
		POS-62	POS-76	65-C	
	OVERSPEED TRIP	PS-85	PS-98	65-B	
		SV-137	SV-151	65-C	
H.P. OIL ACCUMULATOR	STOP VALVE	PI-327	PI-333	64-D	
		PS-89	PS-102	63-D	
	GOV V	SV-142	SV-156	64-D	
		YS 25	YS-24	64-E	
OIL VAPOR EXTRACTION VENT	STOP VALVE	RO-13	RO-26	64-D	
		PI-201	PI-200	67-C	
	GOV V	RO-114	RO-38	55-D	
		RO-113	RO-37	65-C	
TRIP OIL	STOP VALVE	PS-86	PS-99	64-C	
		SV-143	SV-157	64-B	
	GOV V	PI-2515	PI-2516	65-D	
		PI-727	PI-726	65-B	
L.O. VAPOR EXTRACTOR VAC	STOP VALVE				
	GOV V				

NOTE  
 ⊗ INDICATES COMPUTER POINT

UNIT 2

DIABLO CANYON POWER PLANT - PG&E CO.  
 LUBE OIL DISTRIBUTION AND PURIFICATION SYSTEMS

DRAWING	SHEET	PAGE	REV
108020	7	0	47

RASTER=108020s7.dgn  
 DGN=108020s7.dgn  
 CAD User:ZNS4 Date: 06-07-2016