

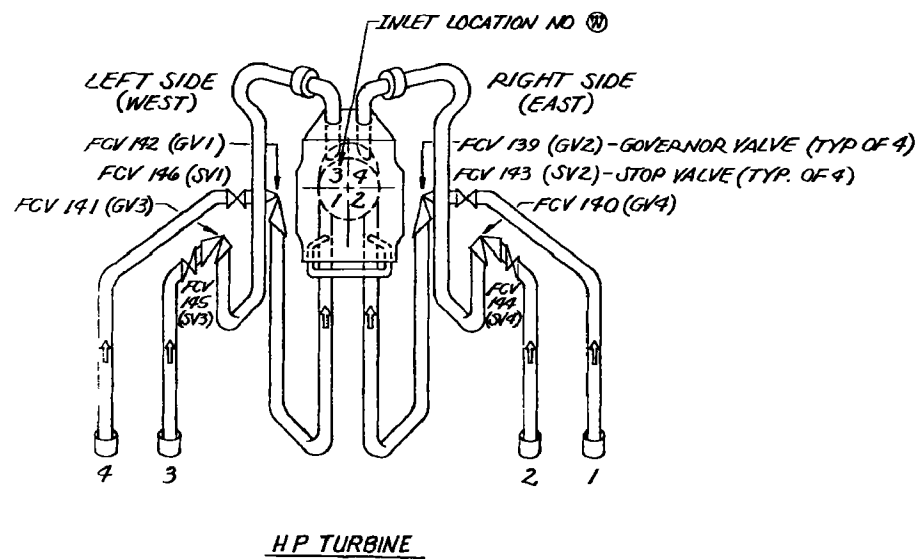
E

D

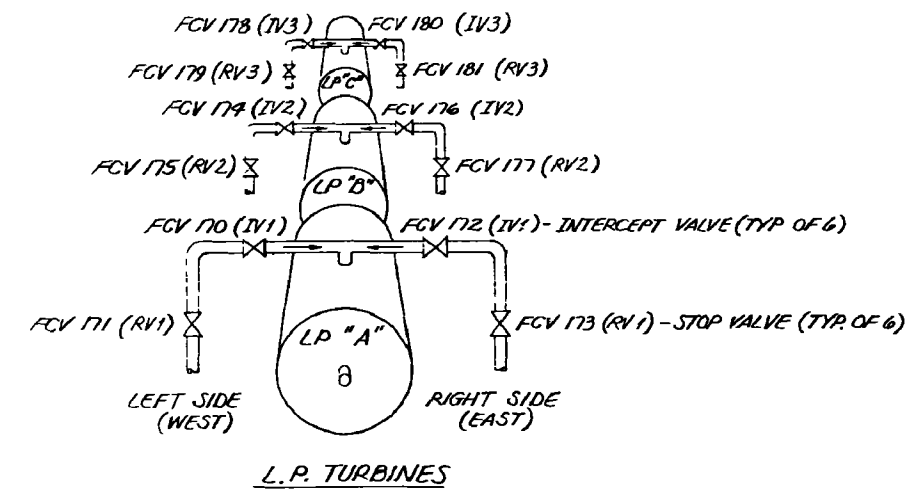
C

B

A



LEADS FROM STEAM GENERATOR OUTLETS



STEAM FROM MOISTURE SEPARATOR-REHEATERS

VALVE LOCATION AS VIEWED FACING HP TURBINE		LEFT				RIGHT			
INSTRUMENT MARK BY:		PG & E	(W)	PG & E	(W)	PG & E	(W)	PG & E	(W)
MAIN STEAM LEAD	NO.	LEAD-4	—	LEAD-3	—	LEAD-2	—	LEAD-1	—
	INLET LOC. NO.	LOWER	1	UPPER	3	UPPER	4	LOWER	2
GOVERNOR CONTROL VALVE		FCV-142	GV 1	FCV-141	GV 3	FCV-140	GV 4	FCV-139	GV 2
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-5	33/GLL	POS-4	33/GLU	POS-8	33/GRU	POS-9	33/GRL
	POSITION XMTR	POT-17A	—	POT-16A	—	POT-18A	—	POT-19A	—
	POSITION XMTR	POT-17	LVDT	POT-16	LVDT	POT-18	LVDT	POT-19	LVDT
	SERVO ACTUATOR	PO-201	95/GLL	PO-200	95/GLU	PO-202	95/GRU	PO-203	95/GRL
	STRAINER	STR-93	—	STR-35	—	STR-19	—	STR-9	—
MAIN STOP VALVE		FCV-146	SV 1	FCV-145	SV 3	FCV-144	SV 4	FCV-143	SV 2
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-7	33/SLL	POS-6	33/SLU	POS-10	33/SRU	POS-11	33/SRL
	SOLENOID VALVE	SV-94	20/SLL	SV-93	20/SLU	SV-95	20/SRU	SV-96	20/SRL
	FIXED ORIFICE	RO-130	—	RO-129	—	RO-128	—	RO-127	—
		RO-139	—	RO-133	—	RO-132	—	RO-131	—
	TRIP PILOT VALVE ACTUATOR AIR SIDE FLOW INDICATOR	FI-403	—	FI-401	—	FI-402	—	FI-400	—

NOTE 1

- NOTE:
1. INSTRUMENT SCHEMATIC COORDINATES FOR POSITION TRANSMITTERS ARE NOT PROVIDED ON THIS SHEET; SEE SHEET 20C OF DWG. 102036
 2. REFER TO DWG 102036-20C FOR THE MAIN TURBINE CONTROL SYSTEM (DEH COMPUTER).

LP TURBINE	TURBINE "A"				TURBINE "B"				TURBINE "C"				
	LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		
VALVE LOCATION AS VIEWED FACING LP TURBINE "A"	LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		
INSTRUMENT MARK BY	PG & E	(W)	PG & E	(W)	PG & E	(W)	PG & E	(W)	PG & E	(W)	PG & E	(W)	
INTERCEPT VALVES (6)	FCV-170	IV 1	FCV-172	IV 1	FCV-174	IV 2	FCV-176	IV 2	FCV-178	IV 3	FCV-180	IV 3	
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-22	33/I1A	POS-24	33/I2A	POS-26	33/I1B	POS-28	33/I2B	POS-30	33/I1C	POS-32	33/I2C
	PRESSURE SWITCH	—	—	—	—	—	—	—	—	—	—	—	—
	FIXED RESTRICTING ORIFICE	RO-135	—	RO-95	—	RO-137	—	RO-136	—	RO-139	—	RO-138	—
		RO-141	—	RO-140	—	RO-143	—	RO-142	—	RO-145	—	RO-144	—
	SOLENOID VALVE	SV-59	20/I1A	SV-62	20/I2A	SV-65	20/I1B	SV-68	20/I2B	SV-71	20/I1C	SV-74	20/I2C
REHEAT STOP VALVE	FCV-171	RV 1	FCV-173	RV 1	FCV-175	RV 2	FCV-177	RV 2	FCV-179	RV 3	FCV-181	RV 3	
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-21	33/R1A	POS-23	33/R2A	POS-25	33/R1B	POS-27	33/R2B	POS-29	33/R1C	POS-31	33/R2C
	PRESSURE SWITCH	—	—	—	—	—	—	—	—	—	—	—	—
	FIXED RESTRICTING ORIFICE	RO-116	—	RO-115	—	RO-118	—	RO-117	—	RO-120	—	RO-119	—
		RO-122	—	RO-121	—	RO-124	—	RO-123	—	RO-126	—	RO-125	—
	SOLENOID VALVE	SV-58	20/R1A	SV-61	20/R2A	SV-64	20/R1B	SV-67	20/R2B	SV-70	20/R1C	SV-73	20/R2C

HIGH PRESSURE & LOW PRESSURE TURBINES

UNIT 1

DIABLO CANYON POWER PLANT - PG&E CO.			
LUBE OIL DISTRIBUTION AND PURIFICATION SYSTEMS			
DRAWING	SHEET	PAGE	REV
102020	3A	0	58

RASTER=erui1590.DGN
 DGN=erui1590.DGN
 CAD User: ZNS4 Date:03-17-2014

INPGIC
I Size

03-17-2014	ZNS4	Fxc2	KJD3	NOT REQUIRED PER CF3.ID5	-	-	-	REVISED PER DDT-4*1021
DATE	DWN	RE	IV	PROFESSIONAL ENGINEER	PE DISC.	PE#	PE EXP.	