

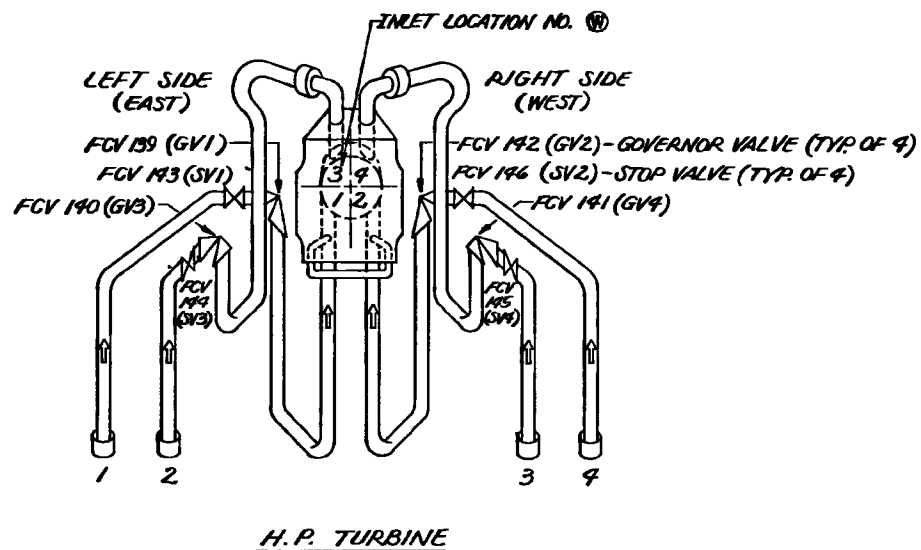
E

D

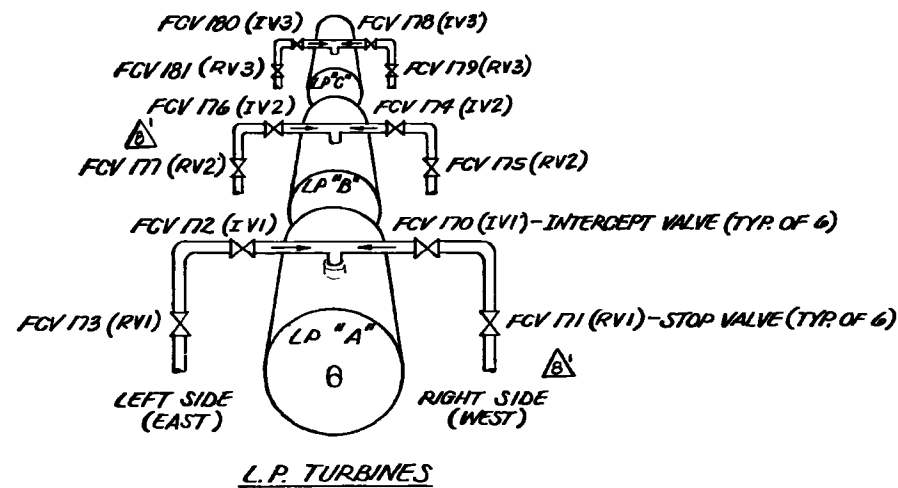
C

B

A



LEADS FROM STEAM GENERATOR OUTLETS



STEAM FROM MOISTURE SEPARATOR-REHEATERS

HP TURBINE INSTRUMENTATION TABLE 2									
VALVE LOCATION AS VIEWED FACING HP TURBINE		LEFT				RIGHT			
INSTRUMENT MARK BY:		PG & E	⊕	PG & E	⊕	PG & E	⊕	PG & E	⊕
MAIN STEAM LEAD	LEAD-1	—	—	LEAD-2	—	LEAD-3	—	LEAD-4	—
	INLET LOC. NO.	LOWER	1	UPPER	3	UPPER	4	LOWER	2
GOVERNOR CONTROL VALVE		FCV-139	GV 1	FCV-140	GV 3	FCV-141	GV 4	FCV-142	GV 2
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-9	33/6LL	POS-8	33/6LU	POS-4	33/6RU	POS-5	33/6RL
	POSITION XMTR	POT-19A	—	POT-18A	—	POT-16A	—	POT-17A	—
	POSITION XMTR	POT-19	LVD1	POT-18	LVD1	POT-16	LVD1	POT-17	LVD1
	SERVO ACTUATOR	RO-203	95/6LL	RO-202	95/6LU	RO-200	95/6RU	RO-201	95/6RL
MAIN STOP VALVE		FCV-143	SV 1	FCV-144	SV 3	FCV-145	SV 4	FCV-146	SV 2
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-11	33/1SL	POS-10	33/1SLU	POS-6	33/1SRU	POS-7	33/1SRL
	SOLENOID VALVE	SV-96	20/1SL	SV-95	20/1SLU	SV-93	20/1SRU	SV-94	20/1SRL
	FIXED ORIFICE	RO-127	—	RO-128	—	RO-129	—	RO-130	—
	TRIP PILOT VALVE ACTUATOR AIR SIDE FLOW INDICATOR	FI-400	—	FI-402	—	FI-401	—	FI-403	—

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LP TURBINE VALVE INSTRUMENTATION TABLE 3													
LP TURBINE		TURBINE "A"		TURBINE "B"		TURBINE "C"							
VALVE LOCATION AS VIEWED FACING LP TURBINE "A"		LEFT		RIGHT		LEFT		RIGHT					
INSTRUMENT MARK BY:		PG & E	⊕	PG & E	⊕	PG & E	⊕	PG & E	⊕				
INTERCEPT VALVES (6)		FCV-172	IV1	FCV-170	IV1	FCV-176	IV2	FCV-174	IV2	FCV-180	IV3	FCV-178	IV3
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-29	33/I2A	POS-22	33/I1A	POS-28	33/I2B	POS-26	33/I1B	POS-32	33/I2C	POS-30	33/I1C
	PRESSURE SWITCH	—	—	—	—	—	—	—	—	—	—	—	—
	FIXED RESTRICTING ORIFICE	RO-95	—	RO-135	—	RO-136	—	RO-137	—	RO-138	—	RO-139	—
	SOLENOID VALVE	SV-62	20/I2A	SV-59	20/I1A	SV-68	20/I2B	SV-65	20/I1B	SV-74	20/I2C	SV-71	20/I1C
REHEAT STOP VALVE		FCV-173	RV1	FCV-171	RV1	FCV-177	RV2	FCV-175	RV2	FCV-181	RV3	FCV-179	RV3
ASSOCIATED INSTRUMENTS	TEST & INTERLOCK	POS-23	33/R2A	POS-21	33/R1A	POS-27	33/R2B	POS-25	33/R1B	POS-31	33/R2C	POS-29	33/R1C
	PRESSURE SWITCH	—	—	—	—	—	—	—	—	—	—	—	—
	FIXED RESTRICTING ORIFICE	RO-115	—	RO-116	—	RO-117	—	RO-118	—	RO-119	—	RO-120	—
	SOLENOID VALVE	SV-61	20/R2A	SV-58	20/R1A	SV-67	20/R2B	SV-64	20/R1B	SV-73	20/R2C	SV-70	20/R1C

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GOVERNOR CONTROL VALVE	FCV-139	GV 1	FCV-140	GV 3	FCV-141	GV 4	FCV-142	GV 2
ASSOC. INSTR.	POT-40A	—	POT-40B	—	POT-40C	—	POT-40D	—

NOTE 1

- NOTE:
- INSTRUMENT SCHEMATIC COORDINATES FOR POSITION TRANSMITTER ARE NOT PROVIDED ON THIS SHEET; SEE 108036 SHT 20M.
 - REFER TO DWG 108036 SHT 20M FOR THE MAIN TURBINE CONTROL SYSTEM (DEH COMPUTER).

HIGH PRESSURE & LOW PRESSURE TURBINES

UNIT-2

P G & E CO.		108020	REV. 43
SHEET 3A	PAGE 0		

1/7/05	AJL2	SMB5	KJD3	KERSI J. DALAL	MECHANICAL	M 16690	3/31/2006	Revised per DC2-SJ-050625-00
DATE	DWN	RE	IV	PROFESSIONAL ENGINEER	PE DISC.	PE#	PE EXP.	

CAD User: AJL2 Date: 1-07-2005 DGN=ERUI0669.DGN RASTER=ERUI0669.TIF