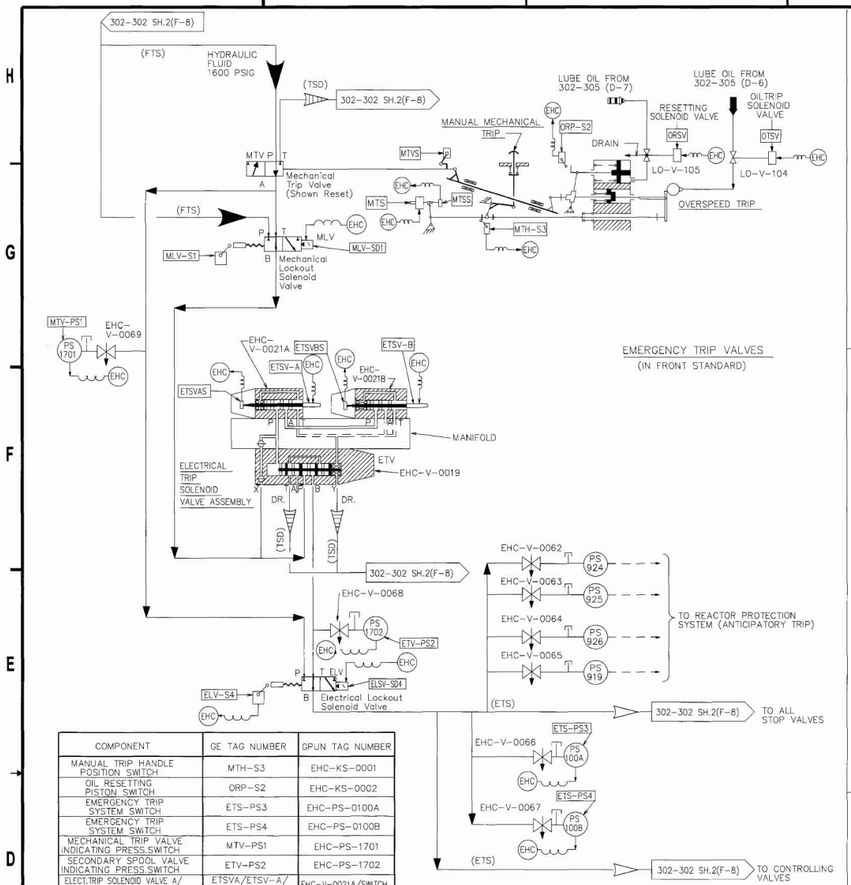
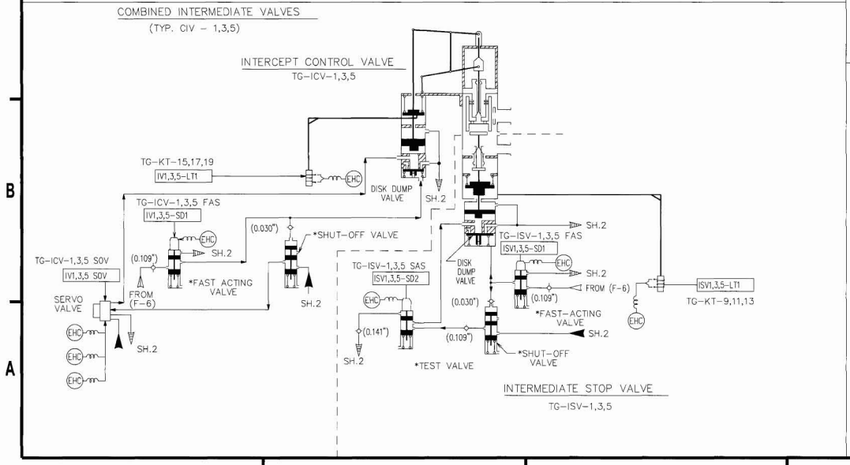
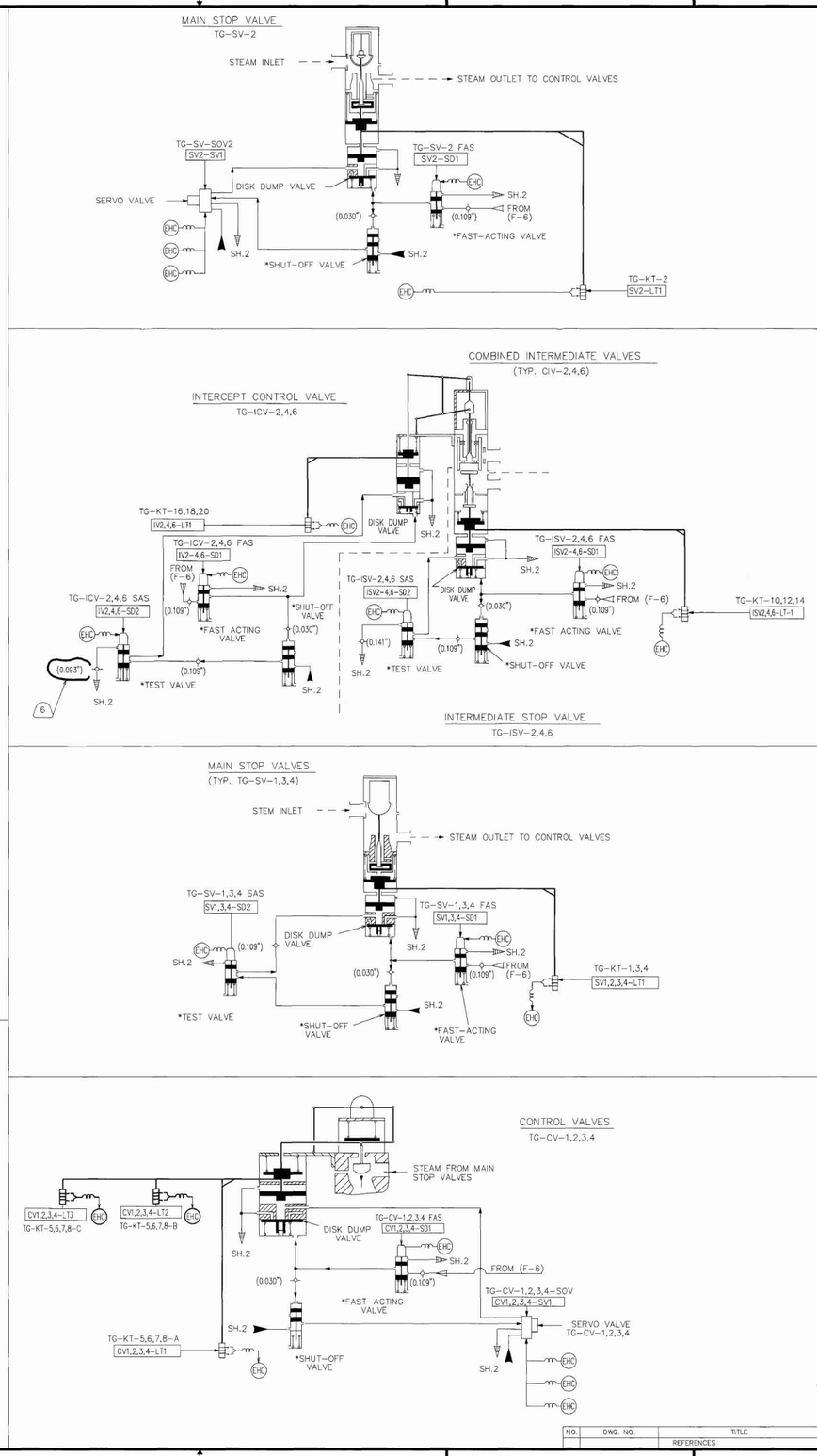


COMPONENT	GE TAG NUMBER	GPUN TAG NUMBER
MANUAL TRIP HANDLE POSITION SWITCH	MTH-S3	EHC-KS-0001
OIL RESETTING PISTON SWITCH	ORP-S2	EHC-KS-0002
EMERGENCY TRIP SYSTEM SWITCH	ETS-PS3	EHC-PS-0100A
EMERGENCY TRIP SYSTEM SWITCH	ETS-PS4	EHC-PS-0100B
MECHANICAL TRIP VALVE INDICATING PRESS.SWITCH	MTV-PS1	EHC-PS-1701
SECONDARY SPOOL VALVE INDICATING PRESS.SWITCH	ETV-PS2	EHC-PS-1702
ELECT.TRIP SOLENOID VALVE A/ SOLENOID/ PRESS.SWITCH	ETSVA/ETSV-A/ ETSVAS	EHC-V-0021A/SWITCH
ELECT. TRIP SOLENOID VALVE B/ SOLENOID/ PRESS.SWITCH	ETSVB/ETSV-B/ ETSVBS	EHC-V-0021B/SWITCH
MECHANICAL TRIP SOLENOID/ POSITION SWITCH	MTS/MTSS	EHC-MTS/SWITCH
OIL TRIP SOLENOID VALVE/SOLENOID	OTSV/ OTSV-SD6	LO-V-0104/SOL.
RESETTING SOLENOID OIL VALVE/SOLENOID	RSOV/ ORSV-SD5	LO-V-0105/SOL.
MECHANICAL TRIP VALVE/POSITION SWITCH	MTV/MTVS	EHC-V-0017/SWITCH
MECHANICAL LOCKOUT VALVE/ SOLENOID/POSITION SWITCH	MLV/MLV-SD1/ MLV-S1	EHC-V-0018/SOL/SWITCH
ELECTRICAL TRIP ASS'Y. SECONDARY SPOOL VALVE	ETV	EHC-V-0019
ELECTRICAL LOCKOUT VALVE/ SOLENOID/ POS.SWITCH	ELV/ELV-SD4 ELV-S4	EHC-V-0020/SOL/SWITCH

COMBINED INTERMEDIATE VALVES
(TYP. CIV – 1,3,5)





REVISIONS		
REV	ZONE	DESCRIPTION
6	E-5	REVISED TO INCORP. ECD-C306276

LEGEND:

- OIL OR HYDRAULIC FLUID LINE
- ELECTRICAL CONNECTION
- ELECTRICAL (DUAL OR MULTIPLE LEAD)
- STEAM LINE
- 225 PSIG MAIN PUMP DISCH.OIL
- 25 PSIG BEARING HEADER OIL
- 1600 PSIG HYDRAULIC FLUID TO OPERATING DEVICES (FAS)
- 1600-0 PSIG HYDRAULIC FLUID TRIP SYSTEM.(ETS)
- 0-50 PSIG HYDRAULIC FLUID DRAIN (TSD)
- OPERATING SIGNAL FROM ELECTRO-HYDRAULIC CONTROL CABINET.
- FEEDBACK SIGNAL TO ELECTRO-HYDRAULIC CONTROL CABINET.
- FLOW RESTRICTING ORIFICE — SIZE —(X.XXX)

NOTES

1. VALVE POSITIONS SHOWN FOR REFERENCE ONLY. ACTUAL POSITIONS CONTROLLED BY PROCEDURES.
2. ALL INSTRUMENT TAG NUMBERS ARE PREFIXED BY SYSTEM DESIGNATOR UNLESS OTHERWISE NOTED.
3. SET POINT VALUES FOR RELIEF VALVES ARE NOMINAL AND FOR REFERENCE ONLY. ACTUAL DATA CONTROLLED BY GMS2.
4. REFERENCE GE DWG #233R957 REV.12
5. [ ] = DEVICE NUMBERS ASSIGNED BY GENERAL ELECTRIC.

Cad File Name : 302302_S3_R6

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR /GAI

DRAWN M.TETKOSKIE 05/29/98
CHECKED
DESIGNER
ENGINEER
ENGINEERING MANAGER

TURBINE EHC SYSTEM
FLOW DIAGRAM

TMI-1 DWG. NO. 302-302 SH. 3 OF 3 REV. 6
SCALE: NONE

INTERFACING CONCURRENCE

BA NO.

NO.	DWG. NO.	TITLE
		REFERENCES

DWG.NO. 302-302 SH 3 OF 3