REVISIONS		
REV	ZONE	DESCRIPTION
51	F-6	ADMINISTRATIVE REVISION TO ADD VALVE LABEL IC-V99, SEE IR 01588123-02 FOR ADDITIONAL DETAILS.

CE 50 SEE DWG 302-182 (B-6)

INSIDE OUTSIDE

PENET #333 (SEE NOTE 7)

PENET #334

PENET #302 (SEE NOTE 7)

LETDOWN COOLER MU-C-1A

LETDOWN COOLER MU-C-1B

302-719 (D-8)

302-719 (D-8)

WATER FILTER IC-F-1A

WATER FILTER IC-F-1B

FROM DEMIN. WATER 302-163 (D-1)

SURGE TANK IC-T-1

OVERFLOW

1" RECIRC

2" RECIRC

REMOVABLE SPOOL

CONTROL ROD DRIVE COOLING COIL

REMOVABLE SPOOL

RC PUMP 1A COOLER

RC PUMP 1B COOLER

RC PUMP 1C COOLER

RC PUMP 1D COOLER

TO RB SUMP

SECONDARY SHIELD WALL

R.C. DRAIN TANK HEAT EXCH.

INTERLOCK OPENS WHEN IC-V2, IC-V3, OR IC-V4, IC-V6 CLOSES

TO IC-P-1A & IC-P-1B AUTO START INTERLOCK < 550 GPM

CORROSION MONITORS

IC-C-1A

IC-C-1B

INTERMEDIATE COOLERS

IC-P-1A

IC-P-1B

INTERMEDIATE COOLING PUMPS

INTERMEDIATE COOLING CLOSED COOLING CHEMICAL MIX TANK IC-T-2

TANK VENT

2" CHEM FILL

CHEM FILL

1" DRAIN

DRAIN

ISO. TEST

ISO. TEST DRAIN

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 TO BE FOUND IN THE APPLICABLE ENGINEERING SET POINT DATA BASE.
4. FOR INSTRUMENT AIR SUPPLY TO VALVE IC-V3 SEE DWG. 302-279 SHT.9.
5. FOR INSTRUMENT AIR SUPPLY TO VALVES IC-V4,IC-V6 AND IC-V74 SEE DWG. 302-279 SHT. 8.
6. FOR INSTRUMENT AIR SUPPLY TO VALVE IC-V5 SEE DWG. 302-279 SHT.10.
7. VALVE FAILS IN AN INDETERMINATE POSITION.

NO.	DWG. NO.	TITLE
3	302-003	COMPONENT & SYS ID INDEX
2	302-002	SYMBOLS INSTRUMENTATION
1	302-001	SYMBOLS FLOW DIAGRAM

REFERENCES

Cad File Name : 302620_R51

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AmerGen

INTERMEDIATE COOLING FLOW DIAGRAM

DRAWN MARIE EVERLY 05/05/14	DESIGN MANAGER	ENGINEER	ENGINEERING MANAGER 5/5/14
TMI-1	DWG. NO. 302-620	SH.	REV. 51
	SCALE: NONE		

INTERFACING CONCURRENCE

BA NO.

DRAWING NO. 302-620 SH.