



**ITEM NUMBERS**  
 001.012.005 System

- NOTES:**
1. ALL EQUIPMENT AND PIPING SHOWN TO BE LOCATED IN AREA MAINTAINED AT CONTROLLED TEMPERATURE.
  2. OVERFLOW PIPING TO BE LOCATED AT SAME ELEVATION AS OUTLET NOZZLE TO LOW SECTION. LOWER LOOP TO EXTEND 6" BELOW DISCHARGE PIPING. UPPER LOOP TO EXTEND 6" ABOVE DISCHARGE PIPING.
  3. LOCKE DISCHARGE PIPING ON TOP OF UPPER LOOP.
  4. VENT AND OVERFLOW PIPING CONNECTION TO BE PROVIDED AS APPROPRIATE FOR SYSTEM DRAINING AND FLUSHING.
  5. REFER TO MC-2554-1 FOR TRIM DESIGN OPTIONS.
  6. HIGH POINT OF PIPING.
  - 7.
  - 8.
  - 9.
  - 10.
  - 11.
  - 12.
  - 13.

1. BORIC ACID TANK, BORIC ACID TRANSFER PUMPS, FILTERS AND PIPING ARE TO BE MAINTAINED ROOM TEMPERATURE AT ALL TIMES. BORIC ACID LIQUID LEAKING FROM TANK OR PIPING MUST BE IMMEDIATELY STOPPED.
2. LOCATE VENT CLOSE TO CEILING AND VENTILATION EXHAUST.
3. LEAK SHIELD PROTECT FILTER.
4. HIGH POINT VENTS AND DRAINAGE MODES BY CONSTRUCTION FOR FLUSH AND VENT.
5. THIS DRAWING ALSO USED FOR BACKFLUSHING.

**DESIGN PARAMETERS**

NO	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	50 PSIG	175°F	C	SS
02	50 PSIG	175°F	F	SS
03	150 PSIG	175°F	F	SS
04	50 PSIG	175°F	C	SS
05	50 PSIG	175°F	F	SS

NO.	REVISIONS	DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY	CHKD
1	ISSUED FOR CONSTRUCTION									
2	ISSUED FOR CONSTRUCTION									
3	ISSUED FOR CONSTRUCTION									
4	ISSUED FOR CONSTRUCTION									
5	ISSUED FOR CONSTRUCTION									
6	ISSUED FOR CONSTRUCTION									
7	ISSUED FOR CONSTRUCTION									

**O.R. CONDITION 2**  
**O.R. CONDITION 1**  
**DURS POWER COMPANY**  
**NUCLEAR POWER STATION UNIT 2**

FLOW DIAGRAM OF  
 CHEMICAL PIPING  
 CONTROL SYSTEM (CV)

REVISIONS: 1. ISSUED FOR CONSTRUCTION, 2. ISSUED FOR CONSTRUCTION, 3. ISSUED FOR CONSTRUCTION, 4. ISSUED FOR CONSTRUCTION, 5. ISSUED FOR CONSTRUCTION, 6. ISSUED FOR CONSTRUCTION, 7. ISSUED FOR CONSTRUCTION.

DWG. NO. MC-2554-3.0

**SI APERTURE CARD**  
 FOR INFORMATION ONLY

CL 3 Major SH1

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PDR RIDS

