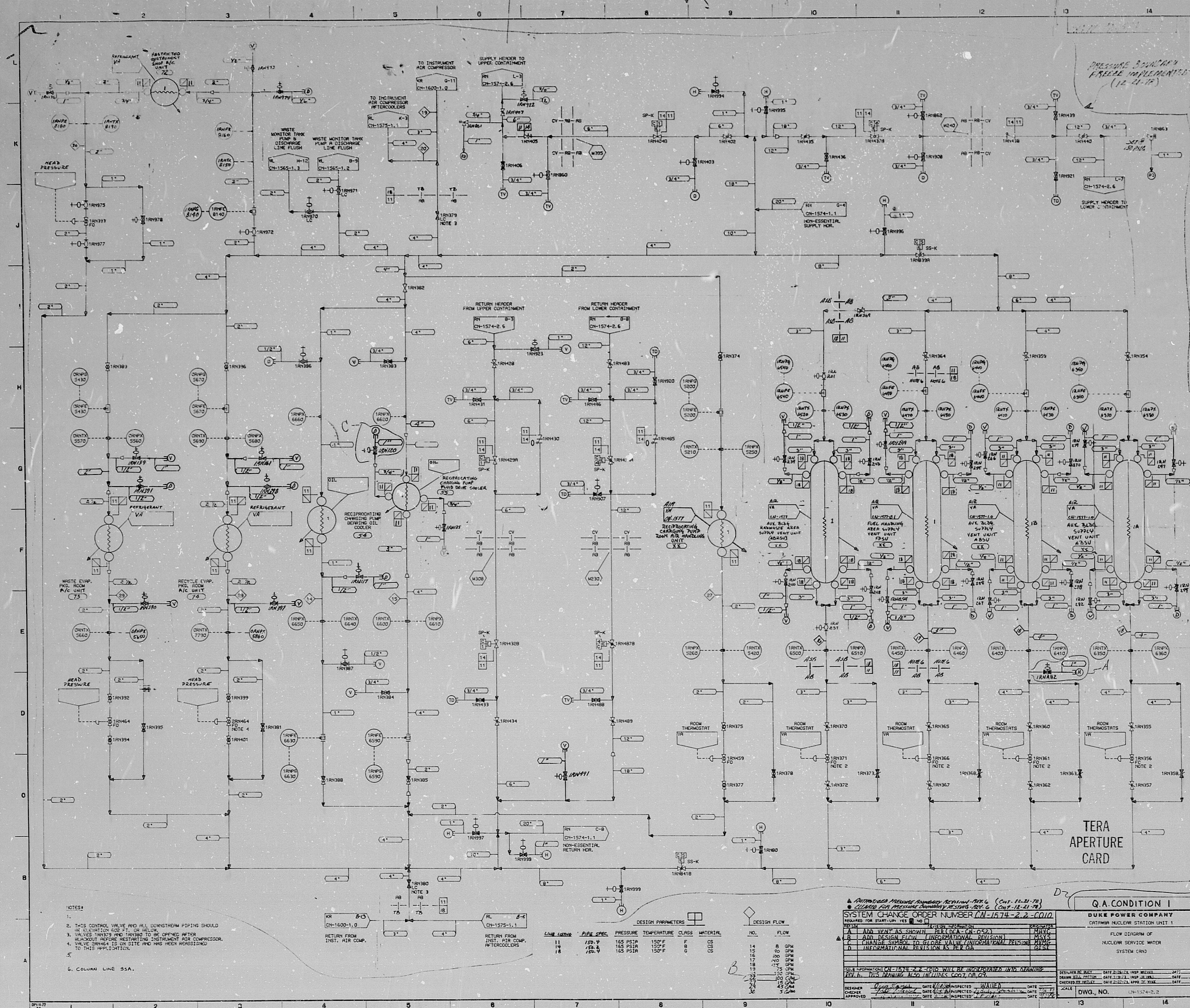




- NOTES:
1. THIS CONTROL VALVE AND ALL DOWNSTREAM PIPING SHOULD BE ELEVATION 602' OR BELOW.
 2. VALVES 1R1379 AND 1R1380 TO BE OPENED AFTER BACKOUT BEFORE RESTARTING INSTRUMENT AIR COMPRESSOR.
 3. VALVE 1R1384 IS ON SITE AND HAS BEEN WIRELESS TO THIS APPLICATION.
 4. VALVE 1R1384 IS ON SITE AND HAS BEEN WIRELESS TO THIS APPLICATION.
 5. COLUMN LINE 55A.

LINE	LETTER	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
11	1	1/2" V	165 PSIA	150°F	F	CS
12	1	1/2" V	165 PSIA	150°F	F	CS
13	1	1/2" V	165 PSIA	150°F	F	CS

NO.	FLOW
14	8.0 GPM
15	8.0 GPM
16	8.0 GPM
17	8.0 GPM
18	8.0 GPM
19	8.0 GPM
20	8.0 GPM
21	8.0 GPM
22	8.0 GPM
23	8.0 GPM
24	8.0 GPM
25	8.0 GPM

DESIGN PARAMETERS

DESIGN FLOW

SYSTEM CHANGE ORDER NUMBER CN-1574-2.2-COLD

REVISIONS

NO.	DATE	DESCRIPTION
1	12-1-78	INITIAL DESIGN
2	12-1-78	REVISION 1
3	12-1-78	REVISION 2
4	12-1-78	REVISION 3
5	12-1-78	REVISION 4
6	12-1-78	REVISION 5
7	12-1-78	REVISION 6
8	12-1-78	REVISION 7
9	12-1-78	REVISION 8
10	12-1-78	REVISION 9
11	12-1-78	REVISION 10
12	12-1-78	REVISION 11
13	12-1-78	REVISION 12
14	12-1-78	REVISION 13
15	12-1-78	REVISION 14
16	12-1-78	REVISION 15
17	12-1-78	REVISION 16
18	12-1-78	REVISION 17
19	12-1-78	REVISION 18
20	12-1-78	REVISION 19
21	12-1-78	REVISION 20
22	12-1-78	REVISION 21
23	12-1-78	REVISION 22
24	12-1-78	REVISION 23
25	12-1-78	REVISION 24
26	12-1-78	REVISION 25

Q.A. CONDITION 1

DUKE POWER COMPANY

CATAMBA NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF NUCLEAR SERVICE WATER SYSTEM (CND)

DATE: 12-1-78

SCALE: 1/2" = 1'-0"

DWG. NO. CN-1574-2.2

9.2.1-17

RIDS-PDR

8197010401

