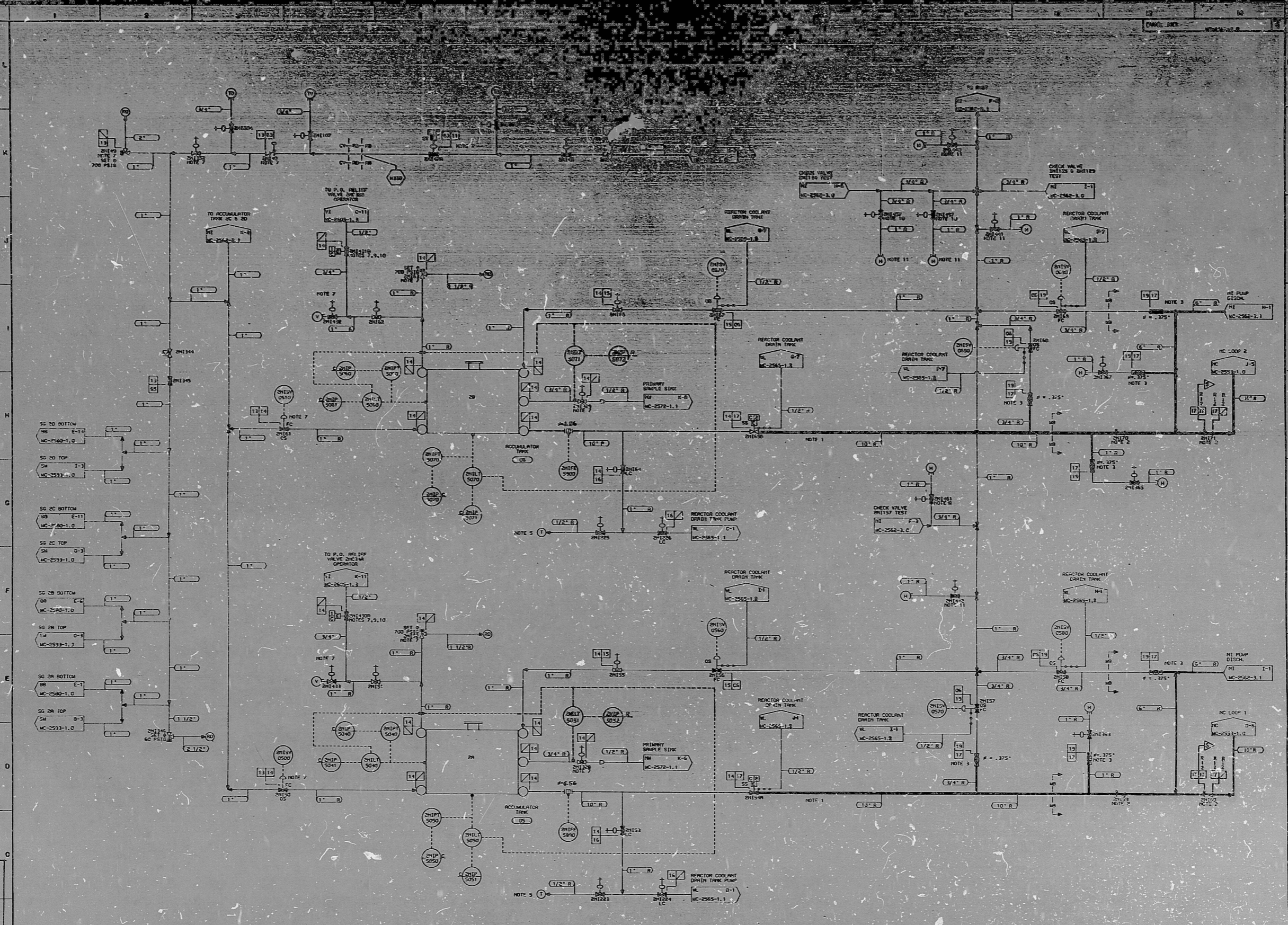


ITEM NUMBERS

AIG051.009  
SYSTEM



- NOTES:
1. PIPING SCHEDULE 40 MUST BE HONORED TO DUE TO SAFETY ANALYSIS FROM REGISTRATION.
  2. LOCATE VALVES AS CLOSE TOGETHER AND AS CLOSE TO REACTOR COOLANT PIPING AS POSSIBLE.
  3. 3/4" TO FLOW RESTRICTION REQUIRED.
  4. PRIMARY TELLTALE FOR EASY DRAINAGE INTO HAND CARRIED VESSEL.
  5. VALVE PROVIDED WITH SOFT SEAT.
  6. LOCATE VALVE CLOSE TO ACCUMULATOR.
  7. USE 3/4" X 1/2" REDUCING INSERT.
  8. HIGH POINT VENTS AND DRAINS PROVIDED BY CONSTRUCTION FOR FLUSH AND VENT.

DESIGN PARAMETERS

NO.	PARAMETER	TEMPERATURE	CLASS	INTERVAL
03	RAVE PRESS	600°F	E	30
11	700 PRESS	1200°F	E	30
12	700 PRESS	1300°F	E	30
13	700 PRESS	1400°F	E	30
14	700 PRESS	1500°F	E	30
15	700 PRESS	1600°F	E	30
16	700 PRESS	1700°F	E	30
17	700 PRESS	1800°F	E	30
18	700 PRESS	1900°F	E	30
19	700 PRESS	2000°F	E	30
20	700 PRESS	2100°F	E	30
21	700 PRESS	2200°F	E	30
22	700 PRESS	2300°F	E	30
23	700 PRESS	2400°F	E	30
24	700 PRESS	2500°F	E	30
25	700 PRESS	2600°F	E	30
26	700 PRESS	2700°F	E	30
27	700 PRESS	2800°F	E	30
28	700 PRESS	2900°F	E	30
29	700 PRESS	3000°F	E	30

NO.	REVISIONS	DATE	BY	CHKD	APPD	DATE	INT	SCALE
1	REV. PER C.O. 1956-2-01							
2	REV. PER C.O. 1956-2-02							
3	REV. PER C.O. 1956-2-03							
4	REV. PER C.O. 1956-2-04							
5	REV. PER C.O. 1956-2-05							
6	REV. PER C.O. 1956-2-06							
7	REV. PER C.O. 1956-2-07							
8	REV. PER C.O. 1956-2-08							
9	REV. PER C.O. 1956-2-09							
10	REV. PER C.O. 1956-2-10							
11	REV. PER C.O. 1956-2-11							
12	REV. PER C.O. 1956-2-12							
13	REV. PER C.O. 1956-2-13							
14	REV. PER C.O. 1956-2-14							
15	REV. PER C.O. 1956-2-15							
16	REV. PER C.O. 1956-2-16							
17	REV. PER C.O. 1956-2-17							
18	REV. PER C.O. 1956-2-18							
19	REV. PER C.O. 1956-2-19							
20	REV. PER C.O. 1956-2-20							

S-S-S

QA. CONDITION 2

QA. CONDITION 1

DUKE POWER COMPANY

NUCLEAR STATION UNIT 2

FLOW DIAGRAM OF

SAFETY INJECTION SYSTEM

(CH)

DESIGNED BY: DATE: 1956-2-01

DRAWN BY: DATE: 1956-2-01

CHECKED BY: DATE: 1956-2-01

SCALE: DWG. NO. MC-2562-2.0

FOR INFORMATION ONLY

SI APERTURE CARD

CL. Hypeo

8904060519

PDR RIDS

