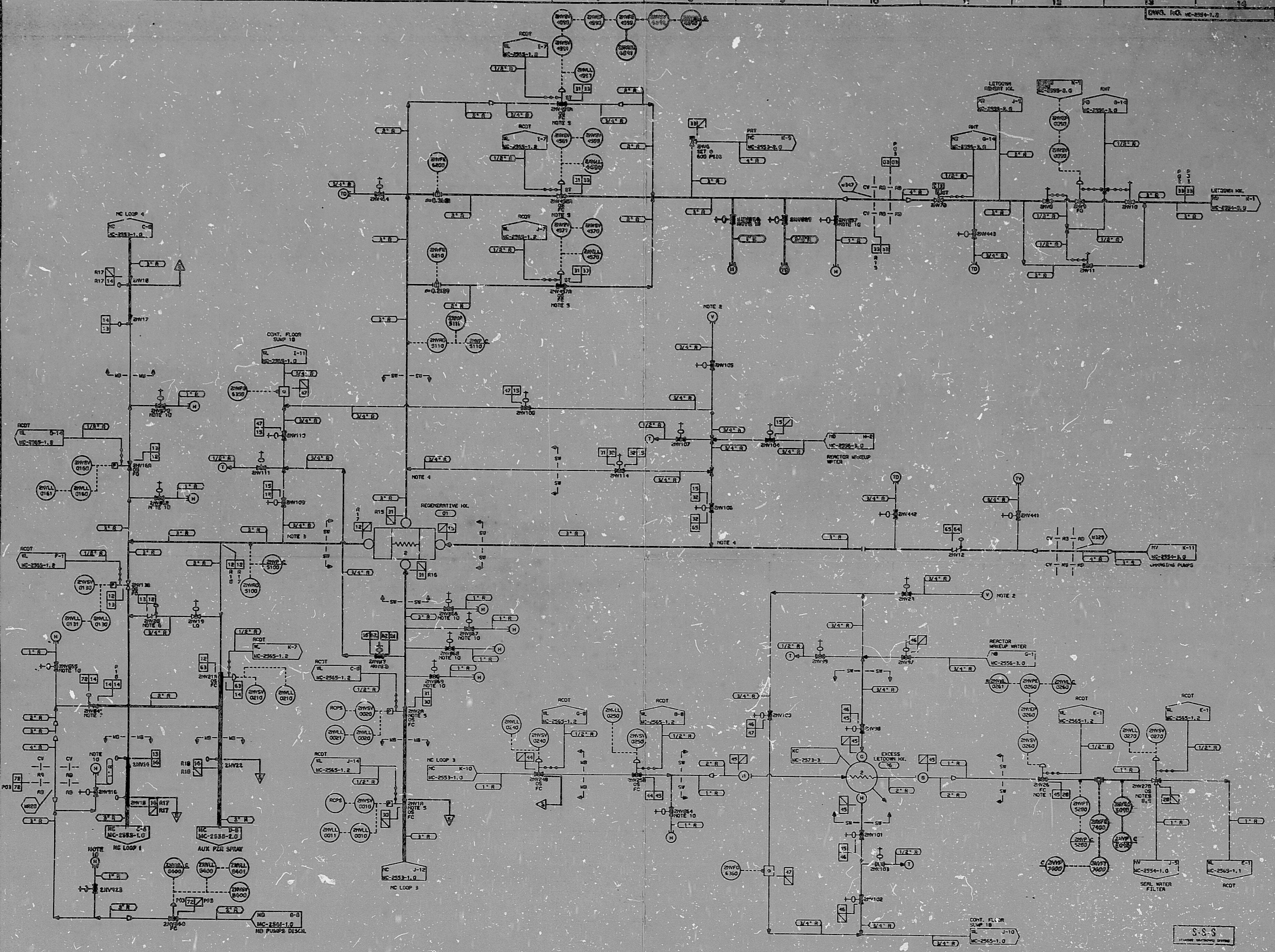

NOTES:

1. REMOVE FLOW PLATES FOR SYSTEM FLUSH.
2. LOCATE VENT CLOSE TO CEILING AND VENTILATION EXHAUST DUCT (IF POSSIBLE).
3. LOW POINT OF PIPING.
4. HIGH POINT OF PIPING.
5. PRESSURIZER LOW LEVEL SIGNAL.
6. SPRING LOADED CHECK VALVE, 202 PSID.
7. LOCATE 2NV841 AS CLOSE TO MISSILE BARRIER AS POSSIBLE.
8. VALVE FAILS WITH FLOW VCT.
9. 3 WAY VALVE MUST BE ORIENTED IN PIPING AS SHOWN ON FLOW DIAGRAM.
10. VENTS AND DRAINS ADDED BY CONSTRUCTION FOR FLUSH AND HYDRO.

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
11	2735 PSIG	189°F	B	SS
12	2535 PSIG	650°F	B	SS
13	2485 PSIG	650°F	B	SS
14	2485 PSIG	650°F	A	SS
15	2535 PSIG	550°F	E	SS
28	150 PSIG	225°F	B	SS
30	2485 PSIG	650°F	B	SS
31	2485 PSIG	650°F	B	SS
32	2535 PSIG	650°F	B	SS

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
33	600 PSIG	383°F	B	SS
44	2485 PSIG	650°F	A	SS
45	2485 PSIG	650°F	B	SS
46	2485 PSIG	650°F	E	SS
47	50 PSIG	200°F	E	SS
61	2735 PSIG	250°F	B	SS
63	2535 PSIG	650°F	A	SS
64	2535 PSIG	250°F	B	SS
63	2535 PSIG	189°F	B	SS
72	2485 PSIG	350°F	B	SS

NO.	REVISIONS
9	AS BUILT PER NSM MG-20483/00 & MG-20466/00
8	Rev Per MG-VN-886
7	REV. PER NSM MG-20449/00 (6-29-87) & MG-20468/00
ORIG	APPROVED & RELEASED

S-S-S

QA CONDITION 2

QA CONDITION 1

DUKE POWER COMPANY

MCGUIRE NUCLEAR STATION UNIT 2

FLOW DIAGRAM OF CHEMICAL & VOLUME CONTROL SYSTEM (NV)

DWG. NO. MC-2554-1.2 REV 9

FOR INFORMATION ONLY

SI APERTURE CARD

8903220267

PDR RIDS