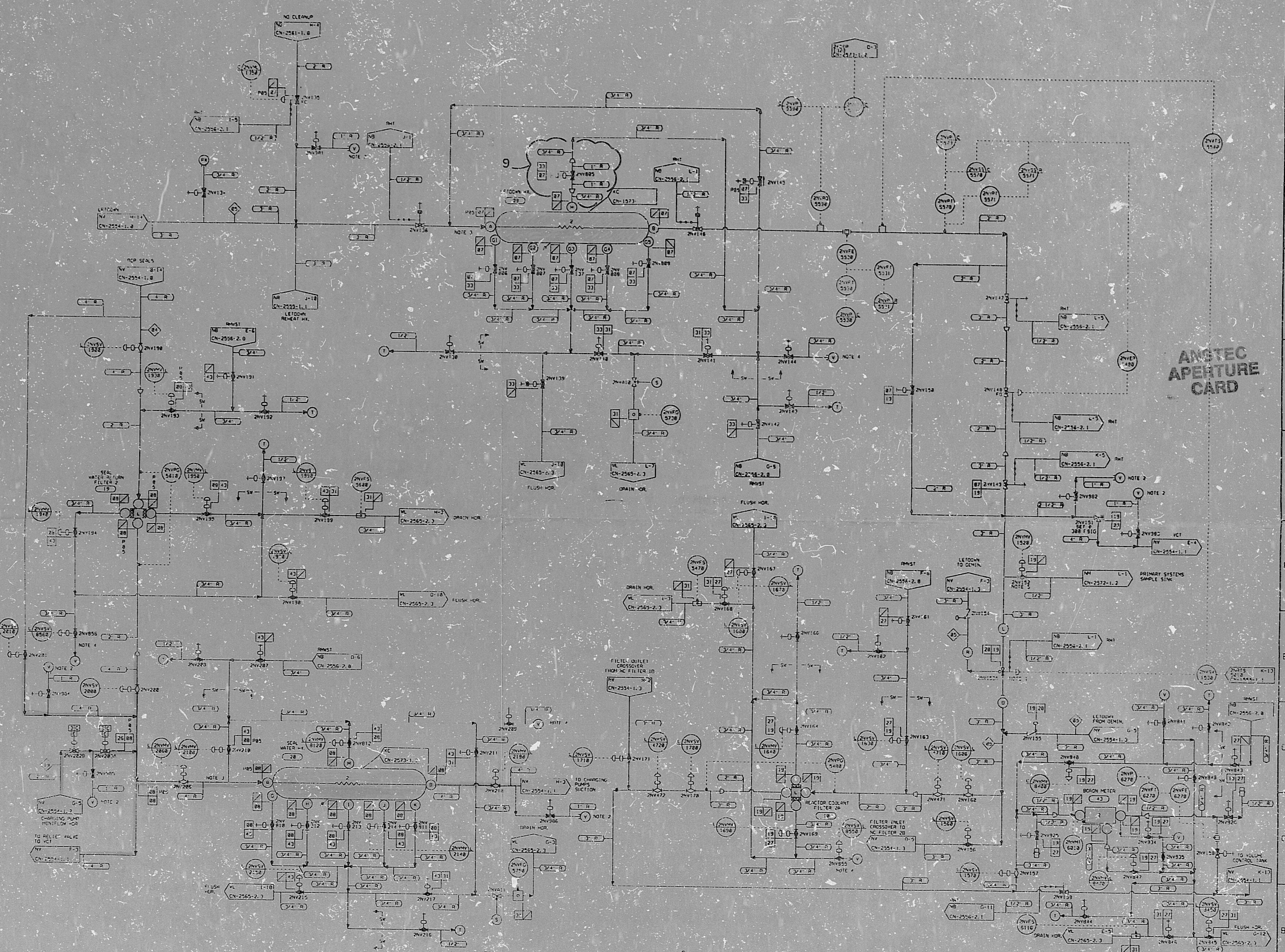
DWG. NO. CN-2554-1.6 REV. 9



NOTES:
1. VALVE 2NV153A FAILS WITH FLOW BYPASSING DEMINERALIZERS.
2. CONSTRUCTION VENT OR DRAIN.
3. HIGH POINT OF PIPING.
4. LOCATE VENT CLOSE TO VENTILATION EXHAUST DUCT (IF POSSIBLE).
5. VALVE OPERATED FROM PRIMARY SYSTEMS SAMPLE ROOM.
6. ALL PLUG VALVES THAT ARE AIR-OPERATED ARE SUPPLIED WITH TWO LIMIT SWITCHES AND FAIL "AS IS" UNLESS OTHERWISE NOTED. THEY ARE CONTROLLED FROM EVE PANELS.

ERN: CN000TER

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
	DESIGN PARAMETERS				
07	601.2	615 PSIA	100°F	B	SS
08	151.2	165 PSIA	225	B	SS
19	301.2	315 PSIA	175°F	B	SS
20	301.3	315 PSIA	175°F	C	SS
23	151.2	90 PSIA	250°F	B	SS
26	2501.2	2750 PSIA	250°F	B	SS
27	301.4	315 PSIA	175°F	E	SS
31	151.4	65 PSIA	200°F	E	SS
33	601.4	615 PSIA	400°F	E	SS
43	151.4	165 PSIA	225°F	E	SS

DESIGN FLOW

NO.	FLOW
04	12 GPM
05	75 GPM
19	120 GPM

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC.	MECH.
9	REV. PER CE-4462					KLE		REK	CLH	KLS
8	REV PER CE-60098, CE-60134	EDS	7-9-93	JCS	8-9-93	KLE	8-9-93	REK	CLH	KLE
7	REV PER NSM CN-20580/00	SMG	4-5-93	JKR	4-9-93	SWB	4-9-93	REK	BOH	KLE
—	AS-BUILT 3-29-93									
6	REV. PER VN #CE-2541	EDS	2-5-92	WNP	2-5-92	SWB	2-17-92	EIR	RLM	KLE
5	REV PER C012 THRU C015 AND NSM NO CN-20194, REV 0 (4-2-86)	SAF	86	JOT	86	CLS	8-6-86	DLC	TAD	
ORIG.	ORIGINAL DRAWING RETIRED									

INSPECTED

QA CONDITION 1 & 2

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION UNIT 2

FLOW DIAGRAM OF
CHEMICAL & VOLUME CONTROL
SYSTEM (NV)

DESIGNER RC BULY DATE 5-25-76
DRAWN TOM JONES DATE 6-24-76
CHECKED AL SNOW DATE 6-29-76
SCALE
INSP. WAIVED DATE
INSP. TC MCMEEKIN DATE 7-1-76
APPR. TE WYKE DATE 7-1-76

DWG. NO. CN-2554-1.6 REV. 9

PDR RIDS

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