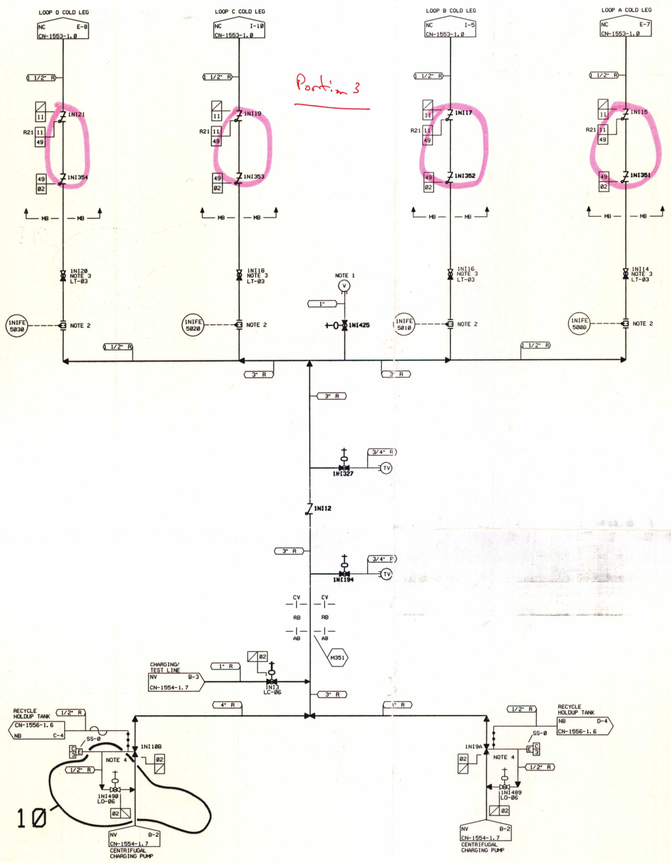
DWG. NO. CN-1562-1.0 REV. 10



Certified as of issuance

NOTES:
1. CONSTRUCTION VENT AND DRAINS.
2. FLOW METERING ORIFICE TO MEASURE FLOW DURING PREOPERATIONAL TEST AND CALIBRATION.
3. ADJUST VALVES IN FIELD TO LIMIT PUMP RUN OUT, THEN LOCK IN POSITION.
4. VALVE BONNET PRESSURE EQUALIZATION LINE.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
82	2501.2	2750 PSIA	300°F	B	SS
83	2501.4	2750 PSIA	300°F	A	SS
41	2501.1	2750 PSIA	600°F	A	SS
49	2501.1	2750 PSIA	600°F	A	SS

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC.	MECH.
10	REV PER CN-11387/00 IMP.DATE 5-17-99	VDC	5-24-99	WBL	5-24-99	ROW	5-24-99	RFK	PLC	JKB
9	REV PER CN-11381/00 (12-27-97)	VDC	12-31-97	BJL	12-31-97	ROW	12-31-97	RFK	DBH	JKB
8	REV PER CE-6010)	EDS	5-27-94	RM	5-27-94	KLE	5-27-94	RFK	CLH	KLE
DRIG.	APPROVED & RELEASED			RWH		CLS	12-4-74			

INSPECTED

DESIGNED JKD JOPKINS DATE 2-3-74 INSP. WAIVED DATE
DRAWN T SHERRILL DATE 2-3-74 INSP. JR HALL DATE 2-3-74
CHECKED BW HATLEY DATE 2-3-74 APPR. JF WIKE DATE 2-3-74
SCALE DWG. NO. CN-1562-1.0 REV. 10

QA CONDITION 2
QA CONDITION 1

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF
SAFETY INJECTION SYSTEM
(NI)

ERN: CN000HLX

D.04