



- NOTES:
1. ADJUST VALVES IN FIELD TO LIMIT PUMP RUNOUTS THEN LOCK WITH POSITION LOCKING DEVICES.
  2. FLOW METERING GAUGE TO VERIFY FLOW DURING INTERMEDIATE TESTING.
  3. TEMPORARY STRAINER IS PLACED IN SPOOL PIECE DURING INITIAL FILLING OPERATIONS. STRAINER MUST BE REMOVED BEFORE PLANT START-UP. STRAINER AND SPOOL PIECE MARKED BY OWNER.
  4. SEE FLOW DRAWING CH-1573-1.0 & CH-1574-2.0 FOR COOLING WATER CONNECTIONS TO SAFETY INJ. PUMPS.
  5. AIRGATE TELLTALE FOR FIRST DRAINAGE INTO HVED CHANNELS.
  6. AS SPECIFIC PIPING SPECIAL FITTING DRAWING CH-1600-03.
  7. FLOW RESTRICTION DETAIL ON WEST DISCHARGE LINE, CH-1573-1.0, AND CONNECTIONS TO SAFETY INJECTION, FITTING DRAWING CH-1600-04.
  8. MINIMUM FLOW OR FICE SUPPLIED WITH PUMP.
  9. CONSTRUCTION VENTS & DRAINS.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMP.	CLASS.	MAT.
01	2501-2	2750 PSIA	400°F	B	SS
02	2501-4	2750 PSIA	300°F	E	SS
03	151-4	60 PSIA	200°F	F	SS
04	1501-2	1265 PSIA	300°F	E	SS
05	2501-1	2500 PSIA	400°F	B	SS
06	2501-2	2500 PSIA	400°F	B	SS
07	1501-2	1265 PSIA	300°F	E	SS
08	601-2	615 PSIA	400°F	B	SS
09	2501-2	2750 PSIA	400°F	B	SS

PRC APERTURE CARD

APERTURE CARD

SYSTEM CHANGE ORDER NUMBER: CH-1562-1.1

DATE: 11/18/68

BY: [Signature]

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/18/68	ISSUED FOR CONSTRUCTION

Q A CONDITION 2

Q A CONDITION 1

DUKE POWER COMPANY

CHATEAU NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF SAFETY INJECTION SYSTEM (SIS)

DWG. NO. CH-1562-1.1

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