



**ANSTEC
APERTURE
CARD**

- NOTES:
1. MAIN STEAM POWER RELIEF VALVE.
 2. DRAINAGE ALL LEADS TO LINES WITH DRAIN TRAP.
 3. DRAINAGE FLOW RESISTOR SUPPLIED WITH RESPECTIVE A.S. POWER RELIEF VALVE.
 4. DRAINAGE TRAP MUST BE SIZED AND ROUTED TO MAIN STEAM VENT TO ATMOSPHERE.
 5. DRAINAGE TRAP MUST BE SIZED AND ROUTED TO MAIN STEAM VENT TO ATMOSPHERE.
 6. DRAINAGE TRAP MUST BE SIZED AND ROUTED TO MAIN STEAM VENT TO ATMOSPHERE.
 7. DRAINAGE TRAP MUST BE SIZED AND ROUTED TO MAIN STEAM VENT TO ATMOSPHERE.
 8. ROUTE TO FLOOR DRAIN.

9. CLOSURE IN MAIN STEAM ISOLATION VALVE.
10. CLOSURE IN MAIN STEAM ISOLATION VALVE.
11. CLOSURE IN MAIN STEAM ISOLATION VALVE.
12. CLOSURE IN MAIN STEAM ISOLATION VALVE.
13. CLOSURE IN MAIN STEAM ISOLATION VALVE.
14. CLOSURE IN MAIN STEAM ISOLATION VALVE.
15. CLOSURE IN MAIN STEAM ISOLATION VALVE.
16. CLOSURE IN MAIN STEAM ISOLATION VALVE.

DESIGN PARAMETERS

LINE NUMBER	TYPE	SIZE	PRESSURE	TEMPERATURE	CLASS	MATERIAL
SV 01		150.0	1200 PSI	600°F	B	CS
SV 02		150.0	1200 PSI	600°F	B	CS
SV 03		150.0	1200 PSI	600°F	B	CS
SV 04		150.0	1200 PSI	600°F	B	CS
SV 05		150.0	1200 PSI	600°F	B	CS
SV 06		150.0	1200 PSI	600°F	B	CS
SV 07		150.0	1200 PSI	600°F	B	CS
SV 08		150.0	1200 PSI	600°F	B	CS
SV 09		150.0	1200 PSI	600°F	B	CS
SV 10		150.0	1200 PSI	600°F	B	CS
SV 11		150.0	1200 PSI	600°F	B	CS
SV 12		270.2	1200 PSI	600°F	B	CS

REVISIONS

NO.	DATE	CHG	DATE	APPR	DATE	CHKD	DATE	INSPCTD
18	REV. PER. IN ACE-4428							
17	REV. PER. IN ACE-4931							
16	REV. PER. IN ACE-2283/4/00 (18-11-91)							
15	REV. PER. IN ACE-2479							
14	ORIGINAL DRAWING RETIRED							

QA CONDITION 4
QA CONDITION 1

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION UNIT 2

FLOW DIAGRAM OF
MAIN STEAM SYSTEM (MSI)
MAIN STEAM VENT TO
ATMOSPHERE (SVI)

DESIGNER: J. B. HARRIS DATE: 12-77
CHECKER: R. W. HARRIS DATE: 1-78
INSP. BY: J. B. HARRIS DATE: 2-78
SCALE: AS SHOWN

DWG. NO. CN-2593-1.0

ERN:CN2001THP

PDR RIDS

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