



- NOTES
1. LOCATE REDUCER AS CLOSE TO PUMP TURBINE AS POSSIBLE.
  2. LOCATE VALVES AS CLOSE TO 6 INCH STEAM LINE FROM MAIN STEAM LINE AS POSSIBLE.
  3. LOCK POSITION.
  4. APPROV SEAT DESIGN.
  5. FELLOW SEAT DESIGN.
  6. LEAKOFF.
  7. DESIGN DRAWING.
  8. INSULATE PIPE TO THE FLOOR.
  9. POINTS AND LARGES MARKED BY CONSTRUCTION.
  10. FOR FLOOR AND HYDRO.
  11. PULL LINE STEAM SUPPLY TO BE USED FOR TESTING. ONLY WHEN MAIN STEAM SYSTEM IS NON-OPERATIONAL. SPECIAL PIECES MUST BE REMOVED AND BUILT PLUNGES. INSTALLED SYSTEM MUST WITHSTAND.
  12. LEVEL CONNECTION TEST POINTS INSTALLED ON DRAIN POT.
  13. 2" CW WITH 0.25" DIAMETER HOLE.
  14. 2" CW WITH 1/2" DIAMETER HOLE.

DESIGN PROPERTIES

NO.	ITEM	UNIT	VALUE	CLASS	MATERIAL
1	STEAM PRESSURE	PSIA	1100	CLASS 1	SA-516
2	STEAM TEMPERATURE	°F	540	CLASS 1	SA-516
3	STEAM FLOW	LB/HR	100000	CLASS 1	SA-516
4	STEAM VELOCITY	FT/SEC	100	CLASS 1	SA-516
5	STEAM DENSITY	LB/FT³	0.075	CLASS 1	SA-516
6	STEAM VISCOSITY	CP	0.01	CLASS 1	SA-516
7	STEAM THERMAL CONDUCTIVITY	BTU/HR-FT-°F	0.02	CLASS 1	SA-516
8	STEAM PRANDTL NUMBER	-	1.0	CLASS 1	SA-516
9	STEAM SPECIFIC HEAT	BTU/LB-°F	1.0	CLASS 1	SA-516
10	STEAM EXPANSION COEFFICIENT	1/°F	0.0006	CLASS 1	SA-516
11	STEAM THERMAL EXPANSION	IN/IN-°F	0.0006	CLASS 1	SA-516
12	STEAM THERMAL STRESS	PSI	1000	CLASS 1	SA-516
13	STEAM THERMAL STRAIN	IN/IN	0.0006	CLASS 1	SA-516
14	STEAM THERMAL DISPLACEMENT	IN	0.0006	CLASS 1	SA-516
15	STEAM THERMAL TORSION	IN/IN	0.0006	CLASS 1	SA-516
16	STEAM THERMAL BENDING	IN/IN	0.0006	CLASS 1	SA-516
17	STEAM THERMAL TORSION	IN/IN	0.0006	CLASS 1	SA-516
18	STEAM THERMAL BENDING	IN/IN	0.0006	CLASS 1	SA-516
19	STEAM THERMAL TORSION	IN/IN	0.0006	CLASS 1	SA-516
20	STEAM THERMAL BENDING	IN/IN	0.0006	CLASS 1	SA-516

NO.	REVISIONS	DATE	APPROV	DATE	BY	DATE	BY	DATE	BY
1	REV PER C.O. 1991-1-2-01								
2	REV PER C.O. 1991-1-2-02								
3	REV PER C.O. 1991-1-2-03								
4	REV PER C.O. 1991-1-2-04								
5	REV PER C.O. 1991-1-2-05								
6	REV PER C.O. 1991-1-2-06								
7	REV PER C.O. 1991-1-2-07								
8	REV PER C.O. 1991-1-2-08								
9	REV PER C.O. 1991-1-2-09								
10	REV PER C.O. 1991-1-2-10								
11	REV PER C.O. 1991-1-2-11								
12	REV PER C.O. 1991-1-2-12								
13	REV PER C.O. 1991-1-2-13								
14	REV PER C.O. 1991-1-2-14								
15	REV PER C.O. 1991-1-2-15								
16	REV PER C.O. 1991-1-2-16								
17	REV PER C.O. 1991-1-2-17								
18	REV PER C.O. 1991-1-2-18								
19	REV PER C.O. 1991-1-2-19								
20	REV PER C.O. 1991-1-2-20								

OR CONDITION 4  
OR CONDITION 1

DUKE POWER COMPANY  
MOORE NUCLEAR STATION UNIT 2

FLOW DIAGRAM OF  
MAIN STEAM SUPPLY TO MAIN EQUIPMENT  
SYSTEM # 10  
TURBINE EXHAUST (TE)

DWG. NO. MC-2593-1.0

ITEM NUMBERS  
C07.021.038 SYSTEM

FOR INFORMATION ONLY  
SI APERTURE CARD

CL-2 Hydro SHT 1



PDR RIDS

8904050094

