



- NOTES
- THIS COMPONENT WAS NOT BUILT TO ASME III, HOWEVER, IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER MANUFACTURING TABLE 114, 4-2.
 - VALVES ARE SHOWN IN THE POSITION REQUIRED FOR PLANT OPERATION UNLESS OTHERWISE NOTED.
 - A 1/2" (12.7mm) STRAP SHOULD BE PLACED OVER THE REFUELING WATER PUMP.
 - LOCATE INLET PIPE AS FAR FROM DRAIN AS POSSIBLE AND FIVE FEET BELOW WATER LEVEL.
 - PIPE MUST BE LOCATED ABOVE WATER LEVEL.
 - LOCATE REDUCER AT LEAST FOUR FEET FROM REFUELING CAVITY WALL.
 - LOCATE FLUX INDICATOR OUTSIDE SAFETY INJECTION PUMP ROOM.
 - NOTE DENTED VALVE.
 - NOTE DENTED VALVE.
 - TEMPERATURE TO BE MEASURED JUST INSIDE OF AUXILIARY BUILDING PLANTS. OPERATOR WILL RECEIVE ALARM TO START RECIRCULATION PUMP IF FLUID TEMPERATURE IS 75° OR LESS.
 - PIPE SHOULD BE TURNED DOWN WITH A SCREEN OVER THE END.
 - FOUR HEATERS ARE DISPOSED SYMMETRICALLY AROUND THE TANK AND AT NO MORE THAN 3 FEET ABOVE THE TRUCK BODY.
 - TEMPERATURE STRAINERS TO BE LEFT IN SERVICE AT THE REACTOR OR INSULATION PRODUCTION OPERATING.
 - LOCATE VALVE AS CLOSE TO SUPPLYING CAVITY AS POSSIBLE WITH NO TAPPING OR CUTS ON CAVITY OR DRAIN STREAMS.
 - LOCKED OPEN TO PREVENT OVERPRESSURIZATION.
 - LOCATE REDUCER AS CLOSE TO PUMP AS POSSIBLE.
 - STAMP AS INDICATED TO RIGHT.
 - STAMP AS INDICATED TO RIGHT.
 - LOCK AS TO BE INDICATED OVER FIRST SHIELD WALL.

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	300 PSIA	110°F	B	SS
02	300 PSIA	200°F	B	SS
03	125 PSIA	200°F	B	SS
04	125 PSIA	200°F	B	SS
05	125 PSIA	200°F	B	SS
06	125 PSIA	200°F	B	SS
07	30 PSIA	110°F	B	SS
08	30 PSIA	180°F	B	SS
09	30 PSIA	150°F	B	SS
10	175 PSIA	150°F	B	SS
11	30 PSIA	110°F	B	SS
12	150 PSIA	110°F	B	SS
13	150 PSIA	110°F	B	SS
14	ATMOSP	100°F	B	SS
15	30 PSIA	110°F	B	SS
16	100 PSIA	180°F	B	SS
17	150 PSIA	200°F	B	SS

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
10	175 PSIA	150°F	B	SS
11	30 PSIA	110°F	B	SS
12	150 PSIA	110°F	B	SS
13	150 PSIA	110°F	B	SS
14	ATMOSP	100°F	B	SS
15	30 PSIA	110°F	B	SS
16	100 PSIA	180°F	B	SS
17	150 PSIA	200°F	B	SS

FOR INFORMATION ONLY

SI APERTURE CARD

Q.A. CONDITION 2
Q.A. CONDITION 1

NO.	REVISIONS	DATE	BY	APPROVED & RELEASED
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PLANT DIAGRAM OF REFUELING WATER SYSTEM
CP-3

DRAWING NO. MC-1561-1.0

8903220166

PDR RIDS

