



- NOTES:
1. VALVE DESIGN PRESSURE IS 150 PSIG.
  2. CLEANOUT CONNECTION.
  3. THIS COMPONENT WAS NOT BUILT TO ASME III. HOWEVER IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER MCGUIRE PSR TABLE 1A, 4-2.
  4. ALL ELECTRONIC MOTOR OPERATED VALVES FAIL "AS IS".
  5. VALVES 2RN0418 AND 2RN0439 RECEIVE AN SS SIGNAL FROM EITHER UNIT TO CLOSE.
  6. PUMP CONNECTIONS E AND F CAN BE INTERCHANGED PROVIDED EACH BLAND HAS A SEAL WATER SUPPLY AND A SEAL WATER RETURN. CONNECTIONS SHOWN ARE TYPICAL.
  7. EXPANSION JOINT REDUCES FROM 24 INCHES TO 20 INCHES.
  8. EXPANSION JOINT BUILT TO ASME III, CLASS 3.
  9. THE STEEL LOCKOUT ON THIS VALVE MUST BE LOOSENED BEFORE THE VALVE CAN BE REPOSITIONED.
  10. VENT AND DRAIN ASSEMBLIES ARE TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH MCS-1206.00-02-0002 USING ENGINEERING SPECIFICATION MCS-ES-1A, 1B, 1C AND 1D.
  11. 1 INCH STRAINLESS TUBING TO BE FIELD ROUTED BETWEEN VALVES 2RN0415 AND 2RN1065. TUBING TO BE INSTALLED PER CONST. SPEC. MCS-1210.05-00-0030.
  12. DELETED.
  13. NON OR QUICK CONNECT INSTRUMENT FITTING WITH A CAP IS INSTALLED.
  14. VALVE 2RN0023 PERMANENTLY GAGGED IN THE OPEN POSITION PER EC102479.
  15. REFER TO MC-1418-14.41-04 (DETAILS "B" & "F") FOR RV PUMP DRAIN LINE CONFIGURATION OPTIONS.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
RN01	PS 150.3	35 PSIG	102 F	C	CS
RN02	PS 150.3	135 PSIG	102 F	C	CS
RN03	PS 150.3	135 PSIG	102 F	C	CS/SS
RN04	PS 150.3	135 PSIG	150 F	C	CS/SS
RN05	PS 151.3	135 PSIG	150 F	C	SS
RN06	PS 150.4	135 PSIG	150 F	F	CS
RN14	TS 2701.1	135 PSIG	102 F	C	ST
RN16	PS 151.4	35 PSIG	102 F	0	SS
RN19	PS 151.3	135 PSIG	102 F	C	SS
RN20	PS 151.3	135 PSIG	102 F	C	SS
RN27	TS 2701.1	135 PSIG	150 F	F	ST
RN28	PS 151.4	135 PSIG	150 F	F	SS
RN8A	PS 150.4	40 PSIG	150 F	C	CS
RN35	PS 150.3	135 PSIG	95 F	F	CS/SS

REVISIONS

NO.	REVISIONS	DRN	DATE	CHD	DATE	APPR	DATE
32	AS-BUILT PER EC100853	SDP	2-11	JRC	2-11	GLM	2-11
31	PER M-13-04253/EXEMPT CODE G.18	CJZ	12-5	JRC	12-9	PJR	12-5
30	AS-BUILT PER EC102479	DRP	10-28	JRC	10-28	JMH	10-28
29	AS-BUILT PER EC100821	ARK	10-22	EKK	10-23	MDH	10-23

DESIGNER: J.W. ROBBINS DATE 10-26-94 INSP: H.V. BLINN DATE 10-28-94  
DRAWN: J.W. WILLIAMS DATE 10-10-94 INSP: D.J. WILLIAMS DATE 11-10-94  
CHECKED: J.W. FLESH DATE 10-10-94 APPR: D.J. WILLIAMS DATE 11-11-94  
SCALE: DWG. NO. MCFD-2574-01.01

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