



- NOTES
- THIS COMPONENT WAS NOT BUILT TO ASME III, HOWEVER IT WAS BUILT TO THE REQUIREMENTS OF THE LINE OF PURCHASE FOR THE RESIDUAL HEAT REMOVAL SYSTEM.
  - TEMPERATURE MEASUREMENTS IN THE SYSTEM SHOULD BE MADE DURING INITIAL FLUSHING OPERATIONS. STRAINERS MUST BE INSTALLED AT ALL PUMP INTAKES AND AT ALL POINTS WHERE THE LINE IS CONNECTED TO PRESSURE GRADE SYSTEMS DURING INITIAL FLUSHING.
  - WELDS SHALL BE X-RAYED AND APPROVED FROM SITE DURING INITIAL FLUSHING.
  - SEE MC-257-1.1 FOR ADDITIONAL CONNECTIONS ON PUMPS.
  - USE RESISTIVE HEATING.
  - LOCATE MANUAL LOCKER ON EMERGENCY SHUTDOWN PANEL.
  - HOWEVER LOW POINT VENTS (NOT OWNERS PROVIDED) CONSTRUCTION FOR PLUMBING WORK.
  - PIPE SHALL BE INSTALLED TO THE FIRST VALVE IN THE SYSTEM.
  - INSULATION SHOULD CONTAIN 3 FEET CORN BRANCH LINE.
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  - LOCATE TEST VENT & TOWNS ON 180° ELBOWS AT MEAN CONTAINMENT PENETRATIONS.

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	2485 PSIG	450°F	A	SS
02	2485 PSIG	450°F	A	SS
03	600 PSIG	350°F	B	SS
04	600 PSIG	350°F	B	SS
05	600 PSIG	350°F	B	SS
06	600 PSIG	350°F	B	SS
07	600 PSIG	350°F	B	SS
08	600 PSIG	350°F	B	SS
09	600 PSIG	350°F	B	SS
10	2485 PSIG	450°F	A	SS
11	2485 PSIG	450°F	A	SS
12	600 PSIG	350°F	B	SS

S.S.S.

OR CONDITION 2  
OR CONDITION 1

DUKE POWER COMPANY  
RESIDUAL HEAT REMOVAL SYSTEM UNIT 2

FLOW DIAGRAM OF  
RESIDUAL HEAT REMOVAL  
SYSTEM (CSD)

REVISIONS

NO.	DESCRIPTION	DATE	BY	CHKD.	APP'D.
1	ISSUED FOR CONSTRUCTION	11/15/66	J.P.	J.P.	J.P.
2	REVISIONS TO PUMP MOTOR	12/15/66	J.P.	J.P.	J.P.
3	REVISIONS TO PUMP MOTOR	12/15/66	J.P.	J.P.	J.P.
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DWG. NO. MC-2561-1.0

FOR INFORMATION ONLY

SI APERTURE CARD



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PDR RIDS

