



- GENERAL NOTES:
1. SHOWS THE PART WHERE THE FLUID DOES NOT FLOW.
 2. SHOWS THE VALVE NOT NEEDED FOR THE DESIGNATED MODE OF THIS SYSTEM.
 3. C/W PUMP, C/W NON-REGENERATIVE HEAT EXCHANGER AND C/W REGENERATIVE HEAT EXCHANGER SHALL BE INSTALLED TO HAVE ADEQUATE STATIC PRESSURE. THE MOST SEVERE OPERATING MODE IS C/W GAS PRESSURE MODE AT START-UP OPERATION WHEN REACTOR PRESSURE IS 0 G/G.
 4. MODE A IS THE BASIC DESIGN CONDITION OF HEAT EXCHANGER (REGENERATIVE HEAT EXCHANGER AND NON-REGENERATIVE HEAT EXCHANGER).
 5. DURING A STARTUP OPERATION F/D MAY BE BYPASSED WHEN F/D IS OUT OF SERVICE.
 6. AT MODE B AND MODE F THE VALVE, F003, F003A, F003B, F003C SHALL BE OPEN AND THEN THE FLUID IS TRANSFERRED TO THE LOW CONDUCTIVITY COLLECTOR TANK.
 7. THE TOTAL PRESSURE LOSS OF REGENERATIVE HEAT EXCHANGER (SMALL SIDE AND TUBE SIDE) AND NON-REGENERATIVE HEAT EXCHANGER (TUBE SIDE) IS UNDER 2.1 kg/cm².
 8. ALL OF THE SYSTEM FLOW IS SPRAYED FROM RPV SPRAY HEADER AT THE RPV SPRAY MODE.
 9. THE TOTAL FLOW RATE FROM RME AND FROM RPV BOTTOM HEAD SPRAY LINE IS 12.6 LTRS/HR.
 10. THIS BYPASS LINE MAY BE APPLIED WITH F013 OPENED AND F012 CLOSED CONDITION SO THAT THE DECAY HEAT IS REMOVED BY NON-REGENERATIVE HEAT EXCHANGER DURING PULLING OUTAGE BY R/W/C/D.

FIG. 5.4-13

SI
APERTURE
CARD

EQUIPMENT CLASS CODE		SAFETY RELATED		CLASS 1	
CLASS	GROUP	TYPE	FUNCTION	CLASS	FUNCTION
SI	A	AP	APERTURE CARD	1	SAFETY RELATED
SI	A	AP	APERTURE CARD	1	CLASS 1
TITLE: REACTOR WATER CLEANUP (C/W) SYSTEM DRAWING NO: 107E5052 DATE: 7-24-71 DESIGNER: [Signature] CHECKED: [Signature] APPROVED: [Signature]					
DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature]			PROJECT: [Information] SHEET: [Information] OF: [Information]		

PDR RIDS

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