



11. TESTABLE FLANGES.
12. INFORMATION CONTAINED IN THE LONG RECTANGULAR BOXES (E.G. SEC. XI-015 II) INDICATES AN ASME SECTION XI CODE CLASSIFICATION (I.E. CLASS I, II OR III). INSTRUMENT, SAMPLE, TEST, DRAIN AND VENT LINES ARE NOT ALWAYS THE SAME CLASS AS THE MAIN LINE AND THESE BOUNDARIES ARE TOO NUMEROUS TO IDENTIFY IN THIS MANNER (SEE ISI PROGRAM BOUNDARY DESCRIPTIONS).
13. CB IS PRIMARY CONTAINMENT BOUNDARY WHICH IS CLASS I IN OR IN CONSTRUCTION.
14. TO RHR MECHANICAL SEAL COOLERS AND MECHANICAL CYCLONE SEPARATORS FOR RHR PUMPS A, B, C & D SHOWN ON BURNS & ROE DRAWING 2031 SH. 2 AND 82600\*FD280005/8.
15. WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE ONLY.
16. RHR STEAM CONDENSING IS NO LONGER AN OPERATIONAL MODE.

**LEGEND**  
 FLEX FLOWPATH  
 COLOR SIGNIFICANT

REVISIONS TO THIS DRAWING  
 REQUIRES A REVISION TO THE  
 CORRESPONDING ISOKEY.

**NOTES:**  
 1. UNLESS OTHERWISE INDICATED, ALL PRESSURE AND/OR FLOW INSTRUMENT ROOT LINES SHALL BE 3/4" I.D. ROOT VALVES SHALL BE 3/4" V253X. LINES UP TO AND INCLUDING ROOT VALVES SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-69-4.  
 2. AT SAMPLING POINTS, CONNECTIONS, PROBES AND ROOT VALVES SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-69-4. PROBES SHALL BE FURNISHED AND

INSTALLED IN ACCORDANCE WITH CONTRACT PARA. 3.4.2 AND DWG. SP-07211, FIG. NO. AS NOTED. CONTINUATION OF SAMPLE PIPING BY E-70-3.  
 3. ALL RH-4 PIPING SHALL BE PER CLASS II CLASSIFICATION EXCEPT THAT RH-4 PIPING 2" NOMINAL SIZE AND SMALLER WHICH CONNECTS TO OR DRAINS INTO FLOOR DRAIN SUMPS OR EQUIPMENT DRAIN SUMPS SHALL BE CLASS IVP CLASSIFICATION WITH MATERIALS AND JOINTS AS SPECIFIED FOR "RH-4" SYSTEM.

4. HIGH POINT VENTS & LOW POINT DRAINS ARE NOT SHOWN.  
 5. VALVES IDENTIFIED AS V268X SHALL CONFORM TO THE REQUIREMENTS OF CONTRACT E-69-4 SPECIFICATION PARA. 3.2.8.B. GROUP A-7 VALVES, WHERE STAINLESS STEEL VALVES ARE FURNISHED BY THE CONTRACTOR UNDER PARA. 3.2.8.B. THE STAINLESS STEEL INTERCONNECTING PIPING SHALL CONFORM TO CONTRACT E-69-4 SPECIFICATION REQUIREMENTS FOR CLASS IIN, RF-1S SYSTEM PIPING.  
 6. DELETED

7. Δ'S WHERE SHOWN WITH NUMBERS, REPRESENT POINTS OF CONNECTION TO EXISTING SYSTEMS. E-73-58 SPECIFICATION DEFINES WORK FROM THIS POINT.  
 8. REF. G.E. DRAWING 117C3326 SH. 2 FOR INSTRUMENT PIPING AND VALVE INSTALLATION AT INSTRUMENT RACK 25-62.  
 9. REF. G.E. DRAWING 117C3324 SH. 2 FOR INSTRUMENT PIPING AND VALVE INSTALLATION AT INSTRUMENT RACK 25-59.  
 10. DELETED

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.

VERSIONS/REVISIONS BY NPDF			
NO.	DESCRIPTION	ORDER/DY DATE	ENG.
AB/83	DR-2019-0001	-	DUB/84/02/ROOK/UKR

SIGNIFICANT NUMBER		DRAWN		DATE	
1	2	3	4	5	6
<b>COOPER NUCLEAR STATION</b>					
<b>FLOW DIAGRAM</b>					
<b>RESIDUAL HEAT REMOVAL SYSTEM</b>					
APPROVED			DATE		
FILED			DATE		
2040 SH 1			BURNS & ROE		

AS BUILT  
 454003633  
 STATUS: Release  
 STATUS DATE: 04/02/2019  
 DS APPROVED: RSCULLI  
 VER: AB REV: 83 SIZE: F