



SPOOL PIECE INSTALLED PER 5457678

ICC NUMBER: 5457678  
 ECM NUMBER: DR-2022-0348  
 DUB: HRR/KR/KR  
 ASSIGNED ENG. DATE: 06/04/2022

- NOTES:**
- FOR NOTES SEE THIS DWG. SH. 1
  - △'S WHERE SHOWN WITH NUMBERS REPRESENT POINTS OF CONNECTION TO EXISTING SYSTEMS. E-73-88 SPECIFICATION DEFINES WORK FROM THIS POINT.
  - ALL VALVES ARE IN THE REACTOR EQUIPMENT COOLING SYSTEM (REC) UNLESS DESIGNATED OTHERWISE.
  - REFERENCE BURNS AND ROE DWG. M151 SH.15 FOR SAMPLE PIPING AND VALVE INSTALLATION AT SAMPLE RACK SR-1C.
  - REC-V-19 AND REC-V-21 SHALL BE CLOSED WHEN BOTH REC HEAT EXCHANGERS ARE IN SERVICE AND OPEN OTHERWISE.
  - 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 FOR DETAILS).
  - CB IS PRIMARY CONTAINMENT BOUNDARY.
  - RHR MECHANICAL SEAL COOLERS WITH MECHANICAL CYCLONE SEPARATORS: CICS AS FOLLOWS:  
 PUMP: SEAL COOLER: CYCLONE:  
 A RHR-HX-PA RHR-CYLN-PA  
 B RHR-HX-PB RHR-CYLN-PB  
 C RHR-HX-PC RHR-CYLN-PC  
 D RHR-HX-PD RHR-CYLN-PD
  - WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE ONLY.

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

VERSIONS/REVISIONS BY NPPD				
NO.	DESCRIPTION	ORDER/DFT	DATE	ENG.
03/88	DR-2022-0348 (INSTALL TCC)			
04/88	5457678 DUB		08/28/22	JDMADDO

SIGNIFICANT NUMBER		DRAWN		DATE	
GROUP	1	2	3	4	5

  

<b>AS BUILT</b> <b>454003623</b>		<b>BURNS &amp; ROE</b>
STATUS: Release STATUS DATE: 08/04/2022 DS APPROVED: JDMADDO VER: AB REV: 66 SIZE: F		

  

<b>FLOW DIAGRAM</b> <b>REACTOR BUILDING - CLOSED</b> <b>COOLING WATER SYSTEM</b> <b>COOPER NUCLEAR STATION</b>		<b>2031 SH 2</b>
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