



NOTES:

- UNLESS OTHERWISE INDICATED ALL PRESSURE AND/OR FLOW INSTRUMENT ROOT VALVES SHALL BE 3/4" ROOT VALVES SHALL BE 3/4" V25X3 LINE UP TO AND INCLUDING ROOT VALVE SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-69-4.
- 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. 3.42 AND DRAWING SP-07211, FIG. NUMBER AS NOTED.
- CONTINUATION OF SAMPLE PIPING BY E-70-3.
- ALL CS-3 PIPING SYSTEMS SHALL BE CLASS III IN CLASSIFICATION, EXCEPT THAT "O" CS-3 PIPING 2" NOMINAL SIZE AND SMALLER WHICH CONNECTS TO/OR DRAINS INTO FLOOR DRAIN OR EQUIPMENT DRAIN SUMPS SHALL BE CLASS IVP CLASSIFICATION WITH MATERIALS AND JOINTS AS SPECIFIED FOR "CS-3" CLASS IN CLASSIFICATION.
- HIGH POINT VENTS & LOW POINT DRAINS ARE NOT SHOWN.
- VALVES IDENTIFIED AS V26X8 SHALL CONFORM TO THE REQUIREMENTS OF CONTRACT E-69-4 SPECIFICATION PARA. 3.2.8.8, GROUP A-7 VALVES WHERE STAINLESS STEEL VALVES ARE FURNISHED BY THE CONTRACTOR UNDER PARA. 3.2.8.8, THE STAINLESS STEEL INTERCONNECTING PIPING SHALL CONFORM TO CONTRACT E-69-4 SPECIFICATION REQUIREMENTS FOR CLASS IN, RF-IS SYSTEM PIPING.
- DELETED.
- REFERENCE G.E. DRAWING 117C3303, SH. 2 FOR INSTRUMENT PIPING AND VALVE INSTALLATION AT INSTRUMENT RACK 25-1.
- REFERENCE G.E. DRAWING 117C3325, SH. 2 FOR INSTRUMENT PIPING AND VALVE INSTALLATION AT INSTRUMENT RACK 25-60.
- FOR CONTINUATION SEE INSTRUMENT DIAGRAM DRAWING 2026, SH. 1, C-1.
- DELETED.
- FOR STANDBY LIQUID CONTROL SYSTEM FLOW DIAGRAM SEE FLOW DRAWINGS 2045, SH. 2.
- TESTABLE FLANGES.
- 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.
- REFERENCE DRAWING 2045, SH. 3, DETAIL "A" FOR INSTRUMENT PIPING AND VALVE INSTALLATION AT INSTRUMENT RACK 25-1.
- REFERENCE DRAWING 2045, SH. 3, DETAIL "B" FOR INSTRUMENT PIPING AND VALVE INSTALLATION AT INSTRUMENT RACK 25-60.
- PER DC 94-330, PIPING BETWEEN MO-11A(B) AND MO-12A(B) IS RECLASSIFIED AS IIN. HOWEVER, EXISTING CS-10 PIPING IN THIS ZONE IS FABRICATED AND DESIGNED TO CLASS IN REQUIREMENTS.
- WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE.

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

AS BUILT
454003638

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.						SIGNIFICANT NUMBER		DRAWN		DATE	
NO.	REVISIONS	DFT	CHK	APP	DATE	1	2	3	4	5	6
N53DCR3-401217	(DCN 99-1064)	RGA	DLR	ALM	12-14-99						
N54DCKR BNDW 224	(DCN 99-0646)	DLR	TRC	KG	8-27-99						
N55CR 2057-07475	(DCN 07-1985)	KG	DJB	DJR	11/29/07						
N56(DCN 09-0436)		KG	DJB	DJR	12/26/09						
N57CR 2058-07338	(DCN 09-0936)	KG	DJB	DJR	12/26/09						
N58(CED 6029200)	(DCN 09-0423)	DJB	DJB	KG	10/17/09						

COOPER NUCLEAR STATION				BURNS & ROE	
FLOW DIAGRAM					
CORE SPRAY SYSTEM					
2045 SH 1				N58	