NOTE:

1. ALL TV'S AND TC'S ARE TO BE LOCATED ON THE BOTTOM OF THE PIPE.
2. LOCATE VALVES AS CLOSE TO PENETRATION AS POSSIBLE.
3. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP 'N' UNLESS OTHERWISE NOTED.
4. FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC. REFER TO DWGS 9A310F00001 & 9A310F00002 FOR IDENTIFICATION NUMBER DETAILS.
5. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR 'CC' UNLESS OTHERWISE NOTED.
6. CLASS 3 BOUNDARY EXCLUDES "PIPE TO NOZZLE" WELD. (SEE DWG COORD. D-2)
7. 'N' SYSTEM DESIGNATOR IS N2CC01 EXCEPT AS NOTED.
8. REMOVABLE SPOOL INSTALLED TO FACILITATE HYDRO TESTING CCW PIPING TO RCP THERMAL BARRIER. MAXIMUM ALLOWABLE TEST PRESSURE FOR CLASS WA3 PORTION OF PIPING BETWEEN CHECK VALVE AND FLANGE IS 3250 PSIG.

REFERENCES:

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DRAWINGS 0F00001 & 0F00002.

Evaluated in LRID RC (Reactor Coolant System)

Evaluated in LRID WL (Liquid Waste Processing System)

Evaluated in LRID CV (CVCS System)

2023

LR BOUNDARY DRAWING NO.	REV.
LR-STP-CC-5R209F05021#2	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
9	12-6-88	INCORP. HDCN *4, HFCR EP05911 AND XEP2319.	SIGNATURES ON FILE				
8	2-26-88	INCORP. N-5 BOUNDARIES NOTE 7, DCN 1, 2, HDCN 3 AND HFCR.	SIGNATURES ON FILE				
		EM00458. SERVICE DESCRIPTION, & COLD CONVERSION.					
7	5-5-87	ISSUED FOR UNITIZATION. SUPERSEDING DWG 5R209F05021.	SIGNATURES ON FILE				
6	5-5-87	INCORP. DCN 11. FCR DM442. 443. BM1008 & REV REPORT. SUPERSEDED BY DWG 5R209F05021*2	SIGNATURES ON FILE				
0-5	4-25-83	REDRAWN/ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
12		EDITORIAL CHANGES TO REF. CR-972704 TO ADD FLANGES.	VJM				
11	1-16-96	INCORP. EDITORIAL CHANGES TO DELETE FLANGE SYMBOLS.	SIGNATURES ON FILE				
10	10-30-95	INCORP. MDCN 9104205.	SIGNATURES ON FILE				

ESEED.DGN

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY

PIPING AND INSTRUMENTATION DIAGRAM
COMPONENT COOLING WATER SYSTEM

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA561.121	D070928		NONE	5R209F05021*2		12