NOTES:

1. LOCATE TV OR TC ON THE BOTTOM OF THE CONNECTING PIPE.
2. DELETED.
3. LOCATE VALVES AS CLOSE TO PENETRATION AS POSSIBLE.
4. SURGE TANK VACUUM BREAKER CHECK VALVE IS TO BE INSTALLED IN THE HORIZONTAL POSITION SO THAT DURING NORMAL OPERATION IT IS CLOSED AND OPENS ONLY ON A HIGH SURGE TANK VACUUM. THE MINIMUM ALLOWABLE PRESSURE IS 5.6 PSIA PER ASME SECTION 3 SUBSECTION ND-3133.
5. FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC. REFER TO DWGS. 9A31BF00001 & 9A31BF00002 FOR IDENTIFICATION NUMBER DETAILS.
6. ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR CC UNLESS OTHERWISE NOTED.
7. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP N UNLESS OTHERWISE NOTED.
8. SWITCH LOCATED IN THE PUMP ROOM.
9. TAG NUMBER OF VALVES FURNISHED BY GA IS SHOWN ON REF 2.
10. 'N' SYSTEM DESIGNATOR IS N2CC01 EXCEPT AS NOTED.
11. THIS VALVE IS POWER LOCKED OUT AT THE MCC.

REFERENCES

1. FOR PIPING & INSTRUMENT SYMBOLS SEE DWGS 9F00001 & 9F00002.
2. GENERAL ATOMIC DWG. NO. 8392-1001(ILOW/T)), SHT 23(4301-00200-DW.8301-00272-DW).

LR BOUNDARY DRAWING NO.	REV.
LR-STP-CC-5R209F05017#2	0A

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
20		REVISED PER CR 06-9670	JGL			N/A	N/A
19	3/18/99	INCORP. DCN 9900688	KS	ON FILE			
0-18	4/25/83	ISSUED FOR CONSTRUCTION	SIGNATURES ON FILE				

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE

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	FJA594.201	D070928		NONE	5R209F05017 #2		20

ESEED.DGN

1 00014