



- NOTES:**
- FOR PIPING AND INSTRUMENTATION SYMBOLS SEE DWGS. 000001 AND 000002.
 - FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC. REFER TO DRAWINGS 9431(00001) AND 9431(00002) FOR IDENTIFICATION NO. DETAILS.
 - ALL INSTRUMENTS SHOWN ON THIS DIAGRAM HAVE SYSTEM DESIGNATOR "SB" UNLESS OTHERWISE NOTED.
 - ALL INSTRUMENTS ON THIS DIAGRAM ARE SEPARATION GROUP "N" EXCEPT WHERE NOTED OTHERWISE.
 - MAKE CONNECTION TO "W" WIDE RANGE LOWER LEVEL TAP.
 - MAKE CONNECTION TO 1" SHELL DRAIN LINE.
 - MAKE CONNECTION TO 2" SHELL SAMPLE TAP.
 - MAKE CONNECTION TO 2" BOTTOM BLOWDOWN.
 - DELETE.
 - ROUTE DRAINS TO IVC SUMP NO. 1.
 - LOW POINTS IN THE BLOWDOWN LINES FROM THE SG TO THE BLOWDOWN CONTROL VALVES SHALL BE AT THE CONTROL VALVES.
 - RE 5 STEAM GENERATOR BLOWDOWN DETECTORS ARE MOUNTED ADJACENT TO STEAM GENERATOR BLOWDOWN LINE. RT (MICRO PROCESSOR) IS MOUNTED OUTSIDE OF IVC.
 - BLOWDOWN LINE TO BE CONTINUOUSLY SLOPED IN DIRECTION OF FLOW. SEE ISOMETRIC 2C369P8468-02 FOR ACTUAL SLOPE REQUIREMENTS.
 - PIPE: SCH. 80S, SMLS, ASTM A312 GR. TP304, 304L, 316, OR 316L. 150# P.F.L. S.V. FLO. ASTH A182 GR. F304, 304L, 316, OR 316L. GASKETS: GASKETS: BLUE GARD 8000, SILD GASKETS, ASTH A193 GR. B6, STAINLESS STEEL NUTS, ASTH A194 GR. 6F TP410 STAINLESS STEEL.

LR BOUNDARY DRAWING NO. LR-STP-SB-5S209F20001#2 REV. 08

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY										PIPING & INSTRUMENTATION DIAGRAM STEAM GENERATOR BLOWDOWN SYSTEM														
NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.	
								19	INCORP. DCN 0501442.							1	FJA571.191	0070928		NONE	5S209F20001	#2	-	19
								18	3-27-02 REVISED PER 02-3957-1															
								0-17	2-24-83 ISSUED FOR CONSTRUCTION															

ESED.DCN

2273