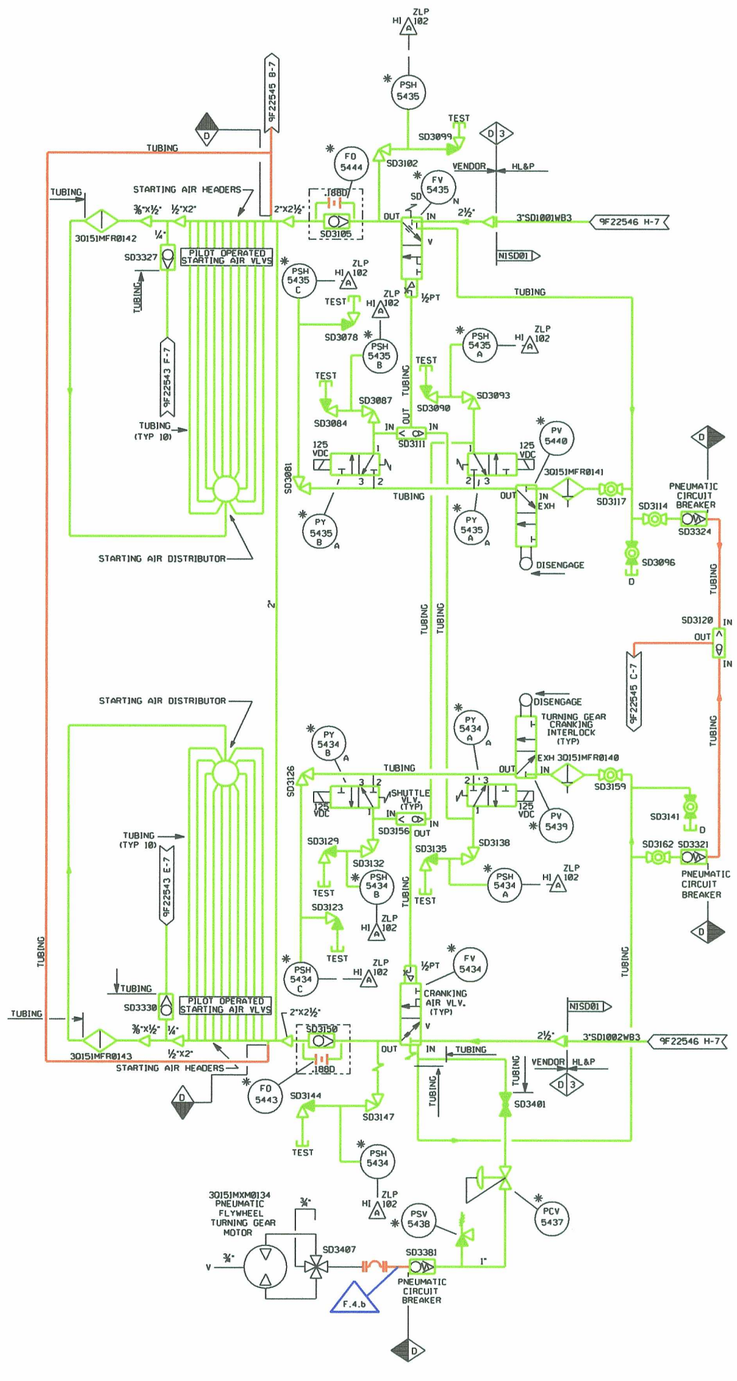
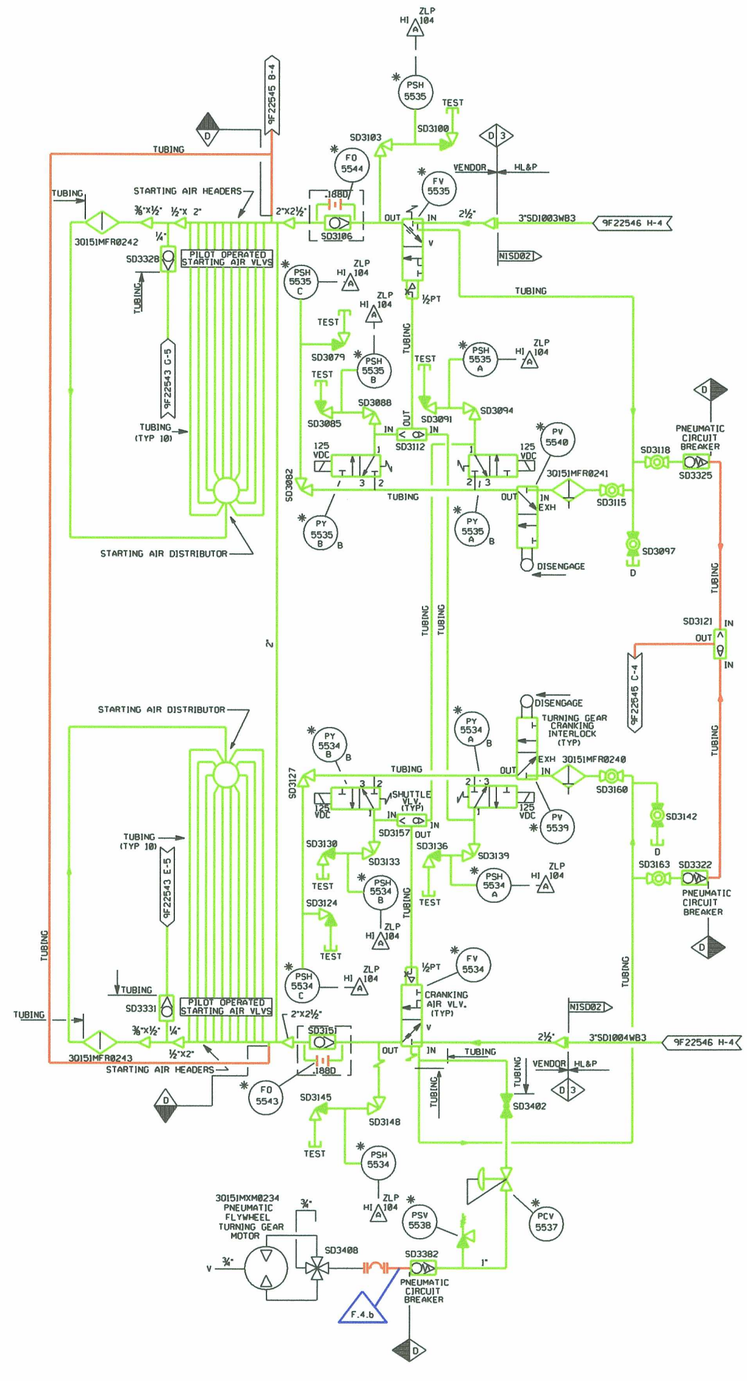
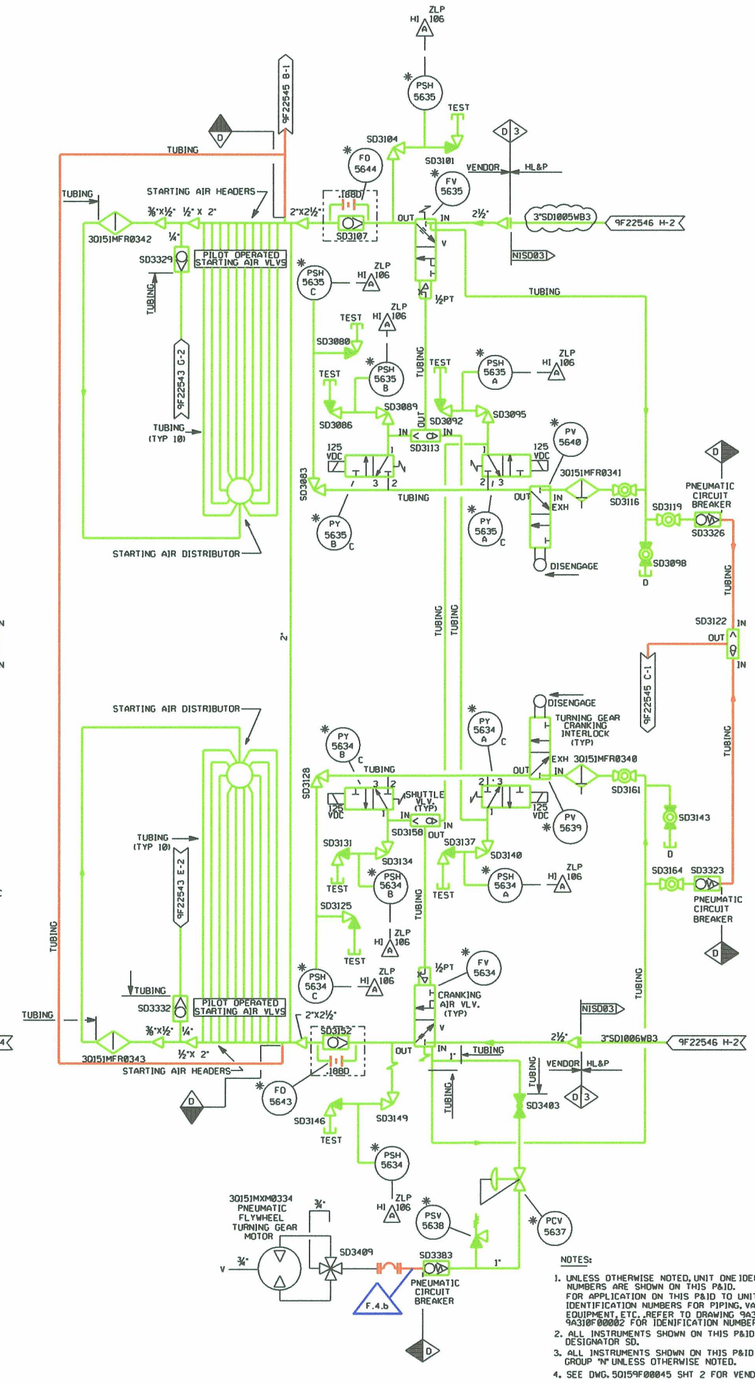


STANDBY DIESEL
NO. 11



STANDBY DIESEL
NO. 12



STANDBY DIESEL
NO. 13

D075

REFERENCES:

1. BECHTEL LOG 4041-01250-CE AND 4041-00138-CE.
2. STARTING SYSTEMS AND ALARMS PORTION OF P&ID 50159F00060 *1.
3. INCLUDES AS-BUILT CONDITIONS DEVELOPED FROM WALKDOWN.

NOTES:

1. UNLESS OTHERWISE NOTED, UNIT ONE IDENTIFICATION NUMBERS ARE SHOWN ON THIS P&ID. FOR APPLICATION ON THIS P&ID TO UNIT 2, USE UNIT 2 IDENTIFICATION NUMBERS FOR PIPING, VALVES, INSTRUMENTS EQUIPMENT, ETC. REFER TO DRAWING 9A310F00001 AND 9A310F00002 FOR IDENIFICATION NUMBER DETAILS.
2. ALL INSTRUMENTS SHOWN ON THIS P&ID HAVE SYSTEM DESIGNATOR SD.
3. ALL INSTRUMENTS SHOWN ON THIS P&ID HAVE SEPARATION GROUP "N" UNLESS OTHERWISE NOTED.
4. SEE DWG. 50159F00045 SHT 2 FOR VENDOR SYMBOLS.
5. DESCRIPTION FOR THE NON ASME SECTION III CLASS 3 COMPONENTS SUPPLIED WITH THE ESF DG SETS.

THE ENGINE MOUNTED COMPONENTS AND PIPING FROM THE ENGINE BLOCK TO THE ENGINE INTERFACE ARE CONSIDERED PART OF THE ENGINE ASSEMBLY AND ARE SEISMICALLY QUALIFIED TO CATEGORY I REQUIREMENTS. THIS PIPING AND ASSOCIATED COMPONENTS SUCH AS VALVES, MANUFACTURED HEADERS, FITTINGS, ETC. ARE DESIGNED, MANUFACTURED AND TESTED IN ACCORDANCE WITH THE GUIDELINES AND REQUIREMENTS OF DEMA, ANSI B31.1, ANSI N45.2 AND 10CFR50 APPENDIX B OA. THE DEMA STANDARDS PROVIDE ASSURANCE THAT THESE AUXILIARIES ARE DESIGNED, FABRICATED, ERECTED, AND TESTED TO QUALITY STANDARDS COMMENSURATE WITH THE SAFETY FUNCTION TO BE PERFORMED.

LR BOUNDARY DRAWING NO.	REV
LR-STP-DG-50159F22544*1	0B

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
2		EDITORIAL CHANGES (CHANGED LINE NUMBER) JSH					
1	9-2-93	EDITORIAL CHANGES (CHANGED CODE FLAGS) SIGNATURES ON FILE					
0	10-12-90	ISSUED FOR CONSTRUCTION SIGNATURES ON FILE					

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE

SOUTH TEXAS PROJECT
NUCLEAR OPERATING COMPANY

PIPING & INSTRUMENTATION DIAGRAM
STANDBY DIESEL
STARTING SYSTEMS & ALARMS

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA047.071			NONE	50159F22544 #1		2

PRIORITY 1

FJA356.021