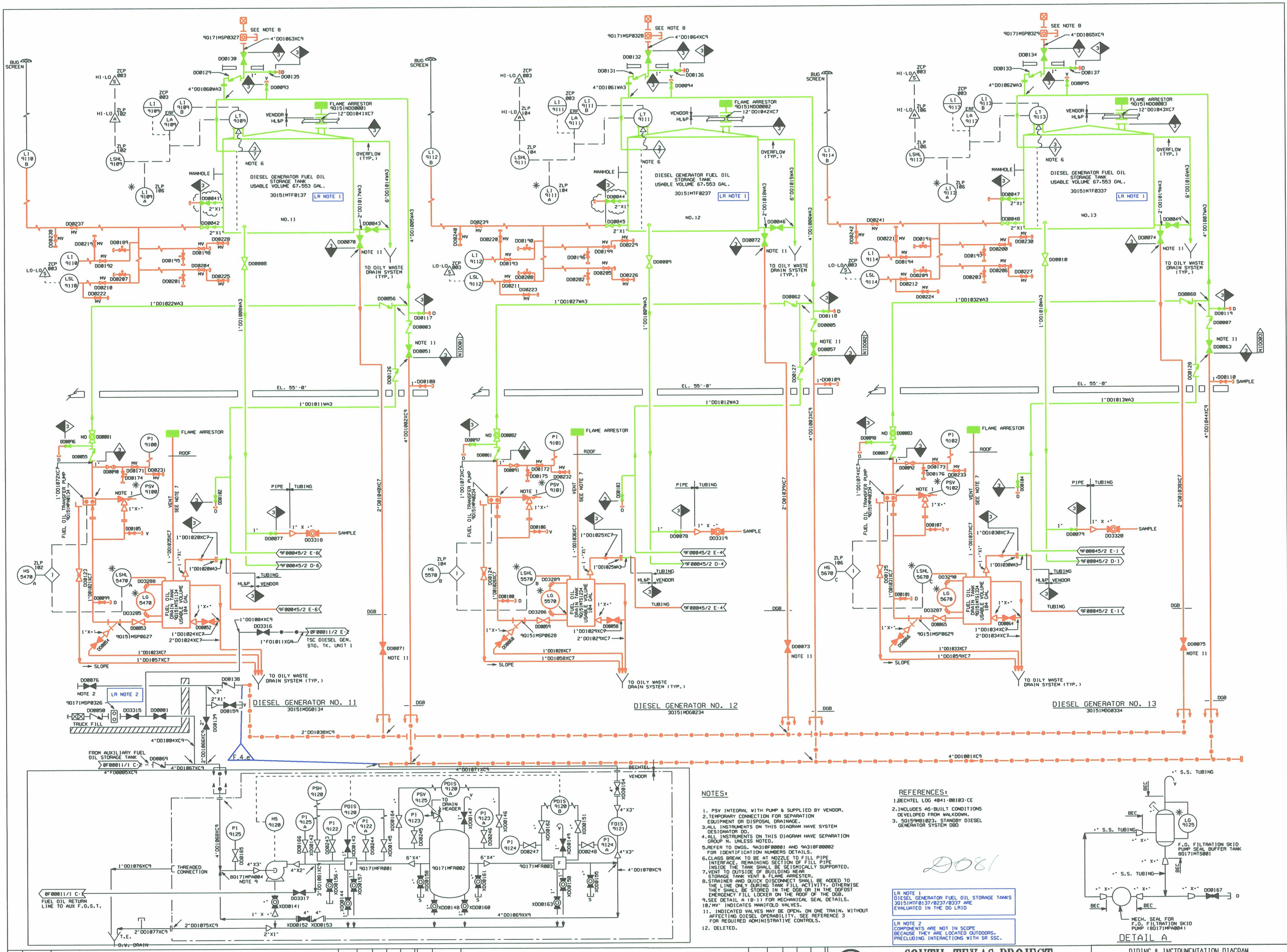

NOTES:

1. PSV INTEGRAL WITH PUMP & SUPPLIED BY VENDOR.
2. TEMPORARY CONNECTION FOR SEPARATION EQUIPMENT OR DISPOSAL DRAINAGE.
3. ALL INSTRUMENTS ON THIS DIAGRAM HAVE SYSTEM DESIGNATOR DO.
4. ALL INSTRUMENTS ON THIS DIAGRAM HAVE SEPARATION GROUP N, UNLESS NOTED.
5. REFER TO DWGS. 9A318F00001 AND 9A318F00002 FOR IDENTIFICATION NUMBERS DETAILS.
6. CLASS BREAK TO BE AT NOZZLE TO FILL PIPE INTERFACE. REMAINING SECTION OF FILL PIPE INSIDE THE TANK SHALL BE SEISMICALLY SUPPORTED.
7. VENT TO OUTSIDE OF BUILDING NEAR STORAGE TANK VENT & FLAME ARRESTER.
8. STRAINER AND QUICK DISCONNECT SHALL BE ADDED TO THE LINE ONLY DURING TANK FILL ACTIVITY. OTHERWISE THEY SHALL BE STORED IN THE DGB OR IN THE DGFOST EMERGENCY FILL LOCKER ON THE ROOF OF THE DGB.
9. SEE DETAIL A (B-1) FOR MECHANICAL SEAL DETAILS.
10. MV INDICATES MANIFOLD VALVES.
11. INDICATED VALVES MAY BE OPEN, ON ONE TRAIN, WITHOUT AFFECTING DIESEL OPERABILITY. SEE REFERENCE 3 FOR REQUIRED ADMINISTRATIVE CONTROLS.
12. DELETED.

REFERENCES:

1. BECHTEL LOG 4041-00103-CE
2. INCLUDES AS-BUILT CONDITIONS DEVELOPED FROM WALKDOWN.
3. 50159MB1023, STANDBY DIESEL GENERATOR SYSTEM DBD

D081

LR NOTE 1
DIESEL GENERATOR FUEL OIL STORAGE TANKS 30151MTF0137/0237/0337 ARE EVALUATED IN THE DG LRID

LR NOTE 2
COMPONENTS ARE NOT IN SCOPE BECAUSE THEY ARE LOCATED OUTDOORS. PRECLUDING INTERACTIONS WITH SR SSC.

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
32		REVISED PER CR 07-9321	JGL				
31	1-31-02	INCORP. DCN 0102371.	JSH ON FILE				
30	1-24-02	REVISED PER CR 01-19763.	SIGNATURES ON FILE				
0-29	9-15-02	ISSUED FOR CONSTRUCTION.	SIGNATURES ON FILE				

ISSUED UNDER DCN

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.
1	FJA350.321	D070928	

PIPING & INSTRUMENTATION DIAGRAM
STANDBY DIESEL GENERATOR FUEL OIL STORAGE & TRANSFER SYSTEM

SCALE	DWG. NO.	SHT.	REV.
NONE	5Q159F00045#1	1	32

LR BOUNDRY DRAWING NO. LR-STP-DO-5Q159F00045#1-1 REV. 0C