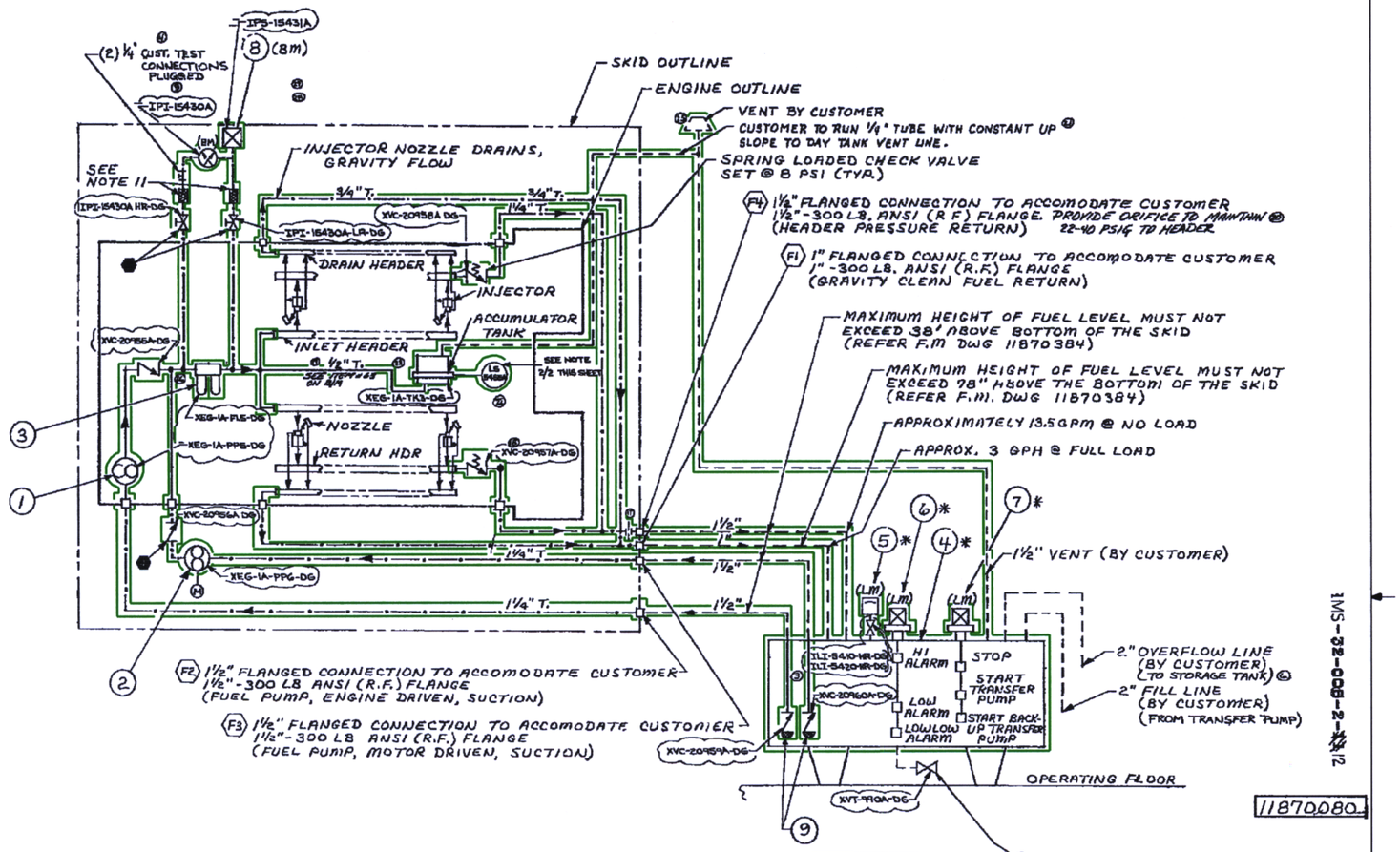
ITEM NUMBER	DESCRIPTION	F.M. PART No. SHIPPED LOOSE ITEMS	MOUNTING LOCATION: ENGINE	MOUNTING LOCATION: SKID	MOUNTING LOCATION: CUSTOMER PIPING	ASME SECTION III CLASS 3 COMPONENT	F.M. ELECTRICAL CODE INTERFACE	SETTING OF DEVICE	REMARKS	G.A.I. TAG NUMBERS: DIESEL 1A	G.A.I. TAG NUMBERS: DIESEL 1B
1	PUMP, 14 GPM W/BUILT-IN RELIEF VALVE SET @ 43 PSI. MAX. SUCTION LIFT - 8 FT.	—	X	—	—	NO	—	—	—		
2	PUMP, 13 GPM W/BUILT-IN RELIEF VALVE SET @ 35 PSI. MAX. SUCTION LIFT - 8 FT MOTOR ⑤ HP, 90/140 V. D.C. 1125 RPM	—	—	X	—	NO	FPM	—	—		
3	FILTER, DUPLEX	—	X	—	—	NO	—	—	—		
4	FUEL OIL DAY TANK, 550 GAL	12995951 ⑥	—	—	*	YES	—	—	—	XTK-20-20A-DG	XTK-20-20B-DG
5	GAUGE, FUEL OIL LEVEL	11908265 ⑪	—	—	*	NO	—	—	(LM) DAY TANK CUST MOUNT	LI-5410	LI-5420
6	SWITCH, FUEL OIL LEVEL, ALARM ⑧	11907586	—	—	*	NO	FLAS/H ⑫ FLAS/L FLAS/LL	HIGH LEVEL-2" BELOW TANK TOP OF LOW LEVEL-7" BELOW TANK CTR LOW LOW LVL 1 1/2" BELOW TANK CTR	(LM) DAY TANK CUST MOUNT	LS-5412	LS-5422
7	SWITCH, FUEL OIL LEVEL, PUMP CONTROL ⑧	11907587	—	—	*	NO	FLCS	PUMPS STOP 4" BELOW TOP OF TANK TRANSFER PUMP STARTS 6.9" BELOW TANK CENTER BACK-UP TRANSFER PUMP STARTS 11.9" BELOW TANK CENTER ⑬	(LM) DAY TANK CUST MOUNT	LS-5411	LS-5421
8	SWITCH, LOW PRESSURE ALARM ⑦	—	—	(BM)	—	NO	FPLA	10 PSI, DECR.	—		
9 ⑩	VALVE, FOOT (QTY 2) FURNISHED WITH TANK ⑨	—	—	—	*	NO	—	—	—		
⑭	-					⑮					

NOTE:
'A' DIESEL SHOWN
'B' DIESEL IDENTICAL



GENERAL NOTES APPLICABLE TO THE DETAILS OF THIS DRAWING ONLY.

2/1. RECOMMENDED CUSTOMER PIPING BETWEEN SKID & FUEL OIL DAY TANK TO BE EITHER SCHEDULE 80 BLACK IRON WITH 300 LB FITTINGS & SCREWED THREADS OR ASTM B88 TYPE "K" COPPER TUBING.

2/2. LEVEL SENSOR SHOWN IS FOR DIESEL GENERATOR A LOCATION IS SIMILAR FOR LS-5455B ON DIESEL GENERATOR B - NOTE THAT THIS IS A GILBERT MODIFICATION

SOUTH CAROLINA ELECTRIC & GAS CO.
Virgil C. Summer Nuclear Station Unit No. 1
APPROVED
APPROVED AS NOTED
RETURNED FOR CORRECTION
GILBERT ASSOCIATES, INC.
EE-1
4-8-82
YEG 0001A, 1B - DG

SOUTH CAROLINA ELECTRIC & GAS CO.
THIS DRAWING IS FOR GENERAL INFORMATION AND REFERENCE ONLY
Not to be Used for Design & Construction
GILBERT ASSOCIATES, INC.

SOUTH CAROLINA ELECTRIC & GAS CO.
PURCHASE ORDER NO SN-10125-SR
VIRGIL C SUMMER NUCLEAR STA. UNIT 1
206152

'FUEL OIL SYSTEM'

Colt Industries — Fairbanks Morse Engine Division
MODEL FBC-12SV7 — 6/12/74 — ARMY OR SD
ENGINE NO. 6W3 WHITE — W'S NO. —
SHIP NO. 3 BY J BARNES 06/76
SCALE — DRAWN — APPD — TRACE — TRACED — APPD — SHEET SIZE F — DWG NO. 11870080 — REV

REVISIONS

NO.	DATE	BY	REVISION	CKD. BY
1G	AM	PS	PC/PZ	LE
NO	MACHINE APPROVABLE		PS	APPROVAL

GAI REVISION PER ECN-N/A "AS BUILT" — NO APPC

13 CORRECTED NOTE 2/2, DEL ITEM 10, ADD 15 SHTS A

11870080

D-19

PLEX Drawing TR00160-005

VENDOR/DRAWING NO.:

DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.
MADE — CHECKED — L. E. APPROVAL

SCALE: NO SCALE — 1MS-32-005 — 2
DRAWING NUMBER — SHT. NUMBER — REV