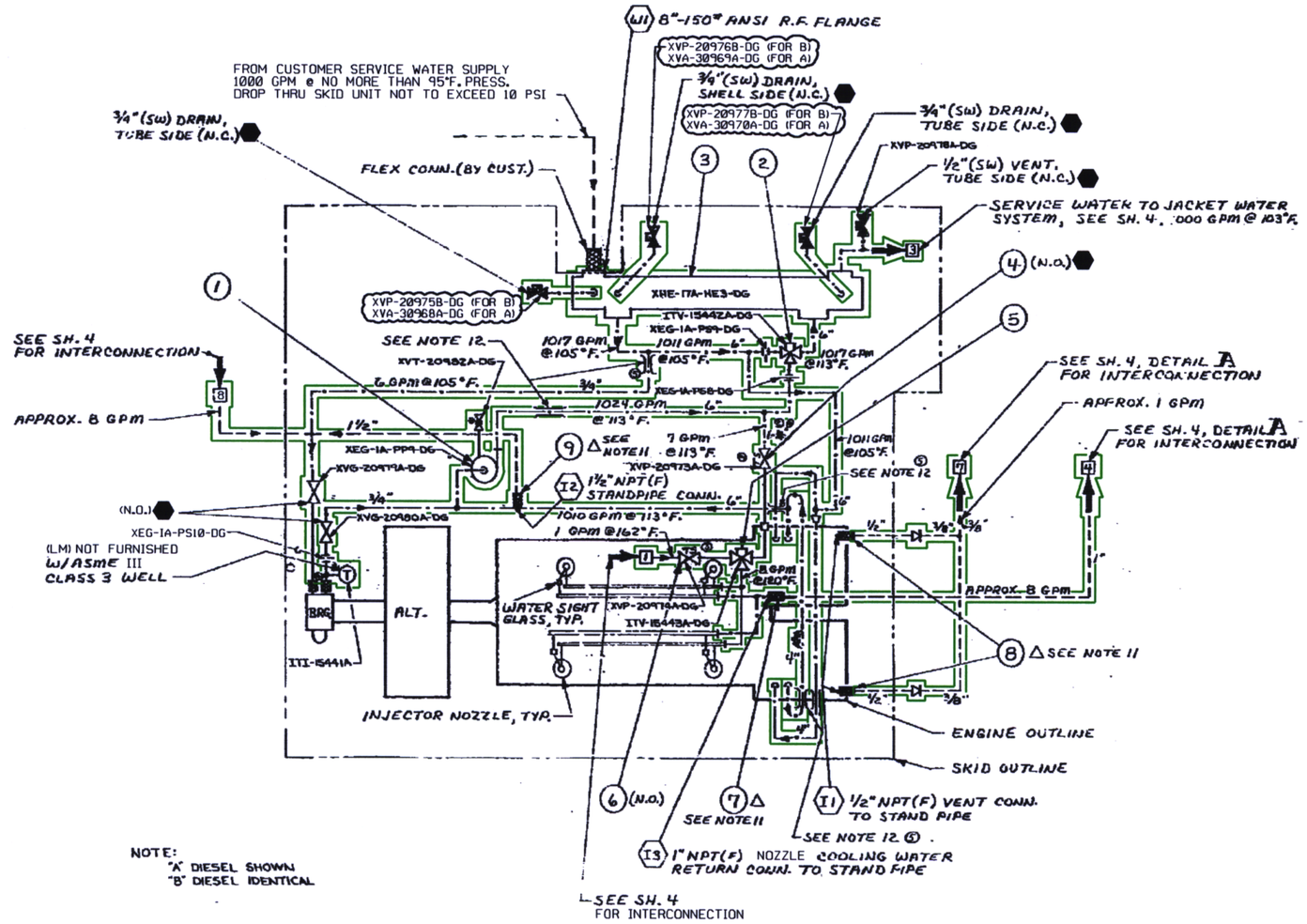
ITEM NUMBER	DESCRIPTION	F.M. PART NO. SHIPPED LOOSE ITEMS	MOUNTING LOCATION: ENGINE	MOUNTING LOCATION: SKID	MOUNTING LOCATION: CUSTOMER PIPING	ASME SECTION III CLASS 3 COMPONENT	F.M. ELECTRICAL CODE INTERFACE	SETTING OF DEVICE	REMARKS
1	PUMP, 1024 GPM, @ 122' TDH	—	X	-	—	NO	—	—	—
2	THERMOSTATIC VALVE, COOLING PORT START TO OPEN @ 102°F., FULL OPEN @ 110° F.	—	—	X	—	YES	—	—	—
3	HEAT EXCHANGER	—	—	X	—	YES	—	—	3,906,000 BTU/HR.
4	ISOLATION VALVE, W/LIMIT SWITCH FOR ALARM WHEN NOT WIDE OPEN	—	—	X	—	YES	IVC2	—	—
5	THERMOSTATIC VALVE, PORT FROM VALVE 4, START TO OPEN @ 110°F., FULL OPEN @ 130°F.	—	X	-	—	NO	—	—	—
6	ISOLATION VALVE, W/LIMIT SWITCH FOR ALARM WHEN NOT WIDE OPEN	—	X	-	—	NO	IVC1	—	—
7	FLEXIBLE HOSE, 1" NPT(M) SKID END & (F) CUST. END.	11908261 ①	-	-	△	NO	—	—	SEE NOTE 11
8	FLEXIBLE HOSE, 1/2" NPT (M) SKID END & (F) CUST. END - QUAN. (2).	11908260 ①	-	-	△	NO	—	—	SEE NOTE 11
9	FLEXIBLE HOSE, 1 1/2" NPT (M) SKID END & (F) CUST. END.	11908262 ①	-	-	△	NO	—	—	SEE NOTE 11



NOTE:
"A" DIESEL SHOWN
"B" DIESEL IDENTICAL

D-22

SOUTH CAROLINA ELECTRIC & GAS CO.
VIRGIL C. SUMMER NUCLEAR STATION UNIT No. 1

☒ APPROVED
☐ APPROVED AS NOTED
☐ RETURNED FOR CORRECTION

CHECKING IS ONLY FOR GENERAL DESIGN AND GENERAL DIMENSIONS SET FORTH IN CONTRACT DOCUMENTS AND DOES NOT RELIEVE CONTRACTOR FROM HIS OBLIGATION AS TO DETAIL WORKMANSHIP AND GUARANTEES.

GILBERT ASSOCIATES, INC.

B/M ITEM No. EI-1 — DATE 11/8/82
XEG0001A & 1B-DG

DRAWING LEGIBILITY
CLASS 2
SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CHD. BY	LE APPROVAL
15	10/26/99	TGB	REVISED PER ECR-50056	MGR	CHR
14	5/19/97	JMR	REVISED PER CGSS-97-0395	MGR	GJR

PLEX Drawing TR00160-005

ASSOCIATED WITH
FSAR Figure 9.5-3

INTERCOOLER & INJECTOR
COOLING SYSTEM

VENDOR/DRAWING NO. COLT INDUSTRES
11870080

SCANA A SCANA COMPANY — DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

MADE	CHECKED	LE APPROVAL
1. JMR	2. MGR	3. GJR

SCALE NO SCALE — DRAWING NUMBER 1MS-32-005 — SHT. NUMBER 5 — REV 15