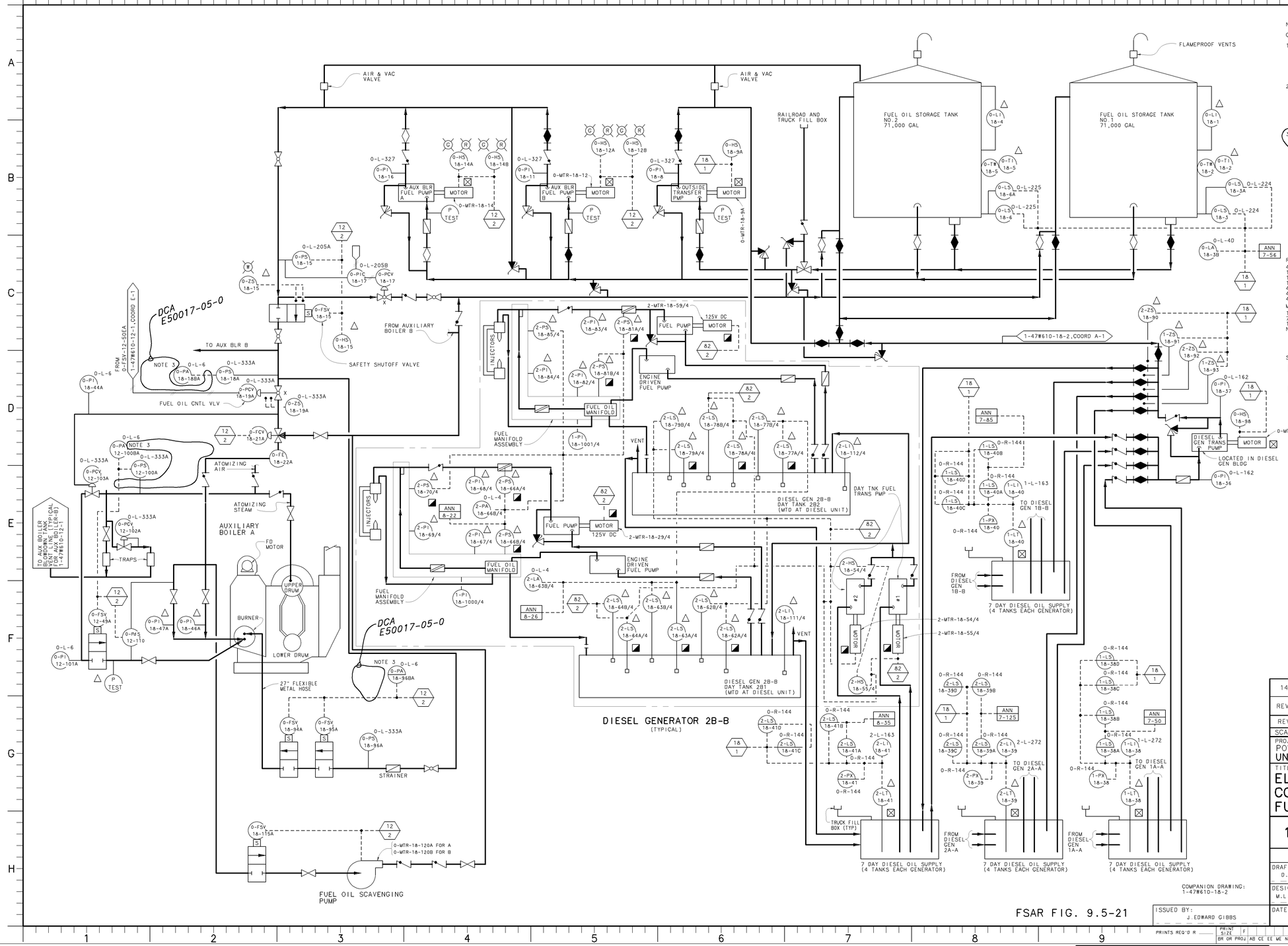

NOTES:

GENERAL

1. THE FUEL OIL SYSTEM FURNISHES FUEL FOR THE AUXILIARY BOILERS AND BACKUP FUEL SUPPLY FOR THE EMERGENCY DIESEL GENERATOR UNITS. TRANSFER PUMPS ARE PROVIDED TO TRANSFER OIL BETWEEN ANY OF THE DIESEL GENERATOR 7-DAY STORAGE TANKS AND THE FUEL OIL STORAGE TANKS AND BETWEEN THE RAILROAD FILL BOX AND THE FUEL OIL STORAGE TANKS.

2. INSTRUMENTS WITH LOOP NUMBERS WHICH ARE IDENTICAL FOR EACH DIESEL GENERATOR ARE IDENTIFIED IN THE SUBLOOP PORTION OF THE INSTRUMENT IDENTIFIER FIELD AS FOLLOWS:

   DIESEL GENERATOR 1A-A: XXXX-18-XXXX X/1X
   DIESEL GENERATOR 1B-B: XXXX-18-XXXX X/2X
   DIESEL GENERATOR 2A-A: XXXX-18-XXXX X/3X
   DIESEL GENERATOR 2B-B: XXXX-18-XXXX X/4X

3. XA-12-5A (AUX BLR A) AND XA-12-5B (AUX BLR B) ARE ANNUNCIATORS SERVING SYSTEM 12 INSTRUMENT LOOPS 5,54, 57,58,100, AND SYSTEM 18 INSTRUMENT LOOPS 18,96.

DCA E50017-05-0

REFERENCE DRAWINGS:

47B601-12 SERIES--------INSTRUMENT TABULATION
1-47B640-1----------FUEL OIL FLOW DIAGRAM
1-47W610-12-1----------AUXILIARY BOILER CONTROL DIAGRAM
17M311 SERIES----------FUEL OIL PIPING
47W611-12 SERIES--------LOGIC DIAGRAMS - AUXILIARY BOILER
47W611-18-1----------LOGIC DIAGRAM - FUEL OIL
47B601-18 SERIES--------INSTRUMENT TABULATION

MANUFACTURER'S REFERENCE:

15069-P-3----------BURNER PIPING
792385----------PANEL DRAWING
15069-W-4----------WIRING DIAGRAM
N-A-62943B-1----------MATERIAL LIST

SYMBOLS:

PRESSURE REGULATOR WITH FILTER. PRESSURE SET TO BE DETERMINED BY MANUFACTURER'S REQUIREMENT FOR THE DEVICE BEING SUPPLIED.

POWER SUPPLIED TO ALL DEVICES ON THIS DRAWING IS NON-DIVISIONAL, UNLESS OTHERWISE NOTED.

DEVICE LOCATED LOCALLY AT EQUIPMENT OR MOUNTED ON PIPING OR EQUIPMENT.

ALL UNID NUMBERS PREFIXED BY "0" UNLESS OTHERWISE SPECIFIED.

THIS CONFIGURATION CONTROL DRAWING SUPERSEDES UNIT 1 AS-CONSTRUCTED DRAWING 47W610-18-1 REVISION M.

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
14	E-50017-A	M. FEGLEY	JEW	DLO	10-20-98

REVISED PER DCA E50017-05-0. DELETED SYSTEM BOUNDARIES.

SCALE: NTS — EXCEPT AS NOTED

PROJECT FACILITY
POWERHOUSE
UNITS 1 & 2

TITLE
ELECTRICAL CONTROL DIAGRAM FUEL OIL SYSTEM

1 — WATTS BAR NUCLEAR PLANT, TENNESSEE VALLEY AUTHORITY — Q

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER D.L.WANG	CHECKER J.A.WINTER	RO ISSUE PER WBEP 5.17 & RIMS B26 '90 0725 380	1 D.P.PERRER
DESIGNER M.L.CHAPMAN	REVIEWER D.F.FAULKNER		2 R.T.GRAHAM
			3 C.C.LYKE FOR MCB

DATE 9-22-90 | 85 | E | 1-47W610-18-1 | R14

COMPANION DRAWING: 1-47W610-18-2

FSAR FIG. 9.5-21

ISSUED BY: J.EDWARD GIBBS

PRINTS REQ'D R ____ PRINT SIZE F BR QR PROJ AB CE EE ME NE FE HE SE TE BL BF WB SQ — PRINT SIZE H BR QR PROJ AB CE EE ME NE FE HE SE TE BL BF WB SQ

PROCADAM MAINTAINED DRAWING
THIS CONFIGURATION CONTROL DRAWING IS MAINTAINED BY THE WBN CAD UNIT AND IS NOW PART OF THE TVA PROCADAM DATABASE
COMPUTER GENERATED

CONFIGURATION CONTROL DRAWING