



- NOTES:
- GENERAL
- 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.
 - 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
 - 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:
- 47601-12 SERIES-----INSTRUMENT TABULATION
 - 1-47W610-12-1-----FUEL OIL FLOW DIAGRAM
 - 1-47W610-12-1-----AUXILIARY BOILER CONTROL DIAGRAM
 - 17M311 SERIES-----FUEL OIL PIPING
 - 47611-12 SERIES-----LOGIC DIAGRAM - AUXILIARY BOILER
 - 47611-18-----LOGIC DIAGRAM - FUEL OIL
 - 47601-18 SERIES-----INSTRUMENT TABULATION
- MANUFACTURER'S REFERENCE:
- 15069-P-3-----BURNER PIPING
 - 79235-----PANEL DRAWING
 - 15069-W-4-----WIRING DIAGRAM
 - N-A-629438-1-----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 UNIT NUMBERS PREFIXED BY "0" UNLESS OTHERWISE SPECIFIED.

THIS CONFIGURATION CONTROL DRAWING SUPERSEDES UNIT 1 AS-CONSTRUCTED DRAWING 47610-18-1 REVISION W.

14	E-50017-A	M. FEGLEY	JEW	DLO	10-20-98
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REVISED PER DCA E50017-05-0. DELETED SYSTEM BOUNDARIES.

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE

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
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DESIGN	INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER D.L. WANG	CHECKER J.A. WINTER	RO ISSUE PER
DESIGNER M.L. CHAPMAN	REVIEWER D.F. FAULKNER	WBEP 5.17 & RIMS B26 '90 0725 380
DATE	85 E	1-47W610-18-1 R14

FSAR FIG. 9.5-21