



- NOTES:
1. THE FUEL OIL SYSTEM LOGIC FOR THE AUXILIARY BOILER FUEL PUMPS A AND B, WITH ASSOCIATED INSTRUMENTATION, IS SHOWN ON 1-47W611-12-2, COORDINATE H-10.
 2. THE FUEL OIL SYSTEM LOGIC FOR THE FUEL TRANSFER PUMPS 1 & 2 (2 PER DIESEL GENERATOR), THE DIESEL GENERATOR DAY TANKS 1 AND 2 (2 PER DIESEL GENERATOR), AND THE MOTOR AND ENGINE DRIVEN FUEL PUMPS (1 EACH DIESEL GENERATOR DAY TANK) IS SHOWN ON 1-47W611-82-2.
 3. "DIGITAL AND ANALOG LOGIC SYMBOLS ARE USED ON LOGIC DIAGRAMS TO FUNCTIONALLY DESCRIBE THE PROCESS CONTROL. REFER TO THE ASSOCIATED WIRING SCHEMATIC FOR THE ELECTRICAL COMPONENTS USED TO IMPLEMENT THE CONTROL SCHEME."
 4. ALL COMPONENT UNITS SHOWN ARE UNIT "0".
 5. THE LEADS TO 0-LS-18-990 AND 0-ZS-18-109 ARE LIFTED AND A JUMPER WIRE INSTALLED IN 0-4B-296-1336 DURING UNIT 2 COMPLETION.

- REFERENCE DRAWINGS:
- 1-47W611-0-1-----LOGIC DIAGRAM
 - 1-47W611-12-2-----LOGIC DIAGRAM
 - 1-47W611-82-2-----LOGIC DIAGRAM
 - 47B601-18-SERIES-----INSTRUMENT TABULATION
 - 1-47W840-1-----FLOW DIAGRAM
 - 1-47W610-18-1-----CONTROL DIAGRAM
 - 1-45W760-18-SERIES-----WIRING DIAGRAMS

- SYMBOLS:
- PLUG VALVE, NORMALLY OPEN
 - PLUG VALVE, NORMALLY CLOSED

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SYS

S-34278-B [2-20-95] PBD DLW JAT NR NR NR									
REVISED PER DCA'S S34278-05-0, -06-0 & -07-0.									
REV NO.	CHANGE REF	DATE	DFTR	CHKR	DSGN	RWR	APPD	APPD	ISSD
SCALE: NTS EXCEPT AS NOTED									
PROJECT FACILITY POWERHOUSE UNITS 1 & 2									
TITLE ELECTRICAL LOGIC DIAGRAM FUEL OIL SYSTEM									
1	WATTS BAR NUCLEAR PLANT TENNESSEE VALLEY AUTHORITY								N
DESIGN			INITIAL ISSUE			ENGINEERING APPROVAL			
DRAFTER	CHECKER	RO ISSUE PER			1 GARY BARNARD				
J.A. TALLEY	FRANK LAYFIELD	EAI 3.10, RIMS			2 ROBERT D. MURR				
DESIGNER	REVIEWER	B26' 91 0318 376			3 C.C. LYKE FOR MCB				
GARY BARNARD	R.L. FORESTER	& DCN-P-09097-B.							
DATE 1-23-92 85 E 1-47W611-18-1 R4									

FSAR FIG. 9.5-22

ISSUED BY: R.M. JOHNSON