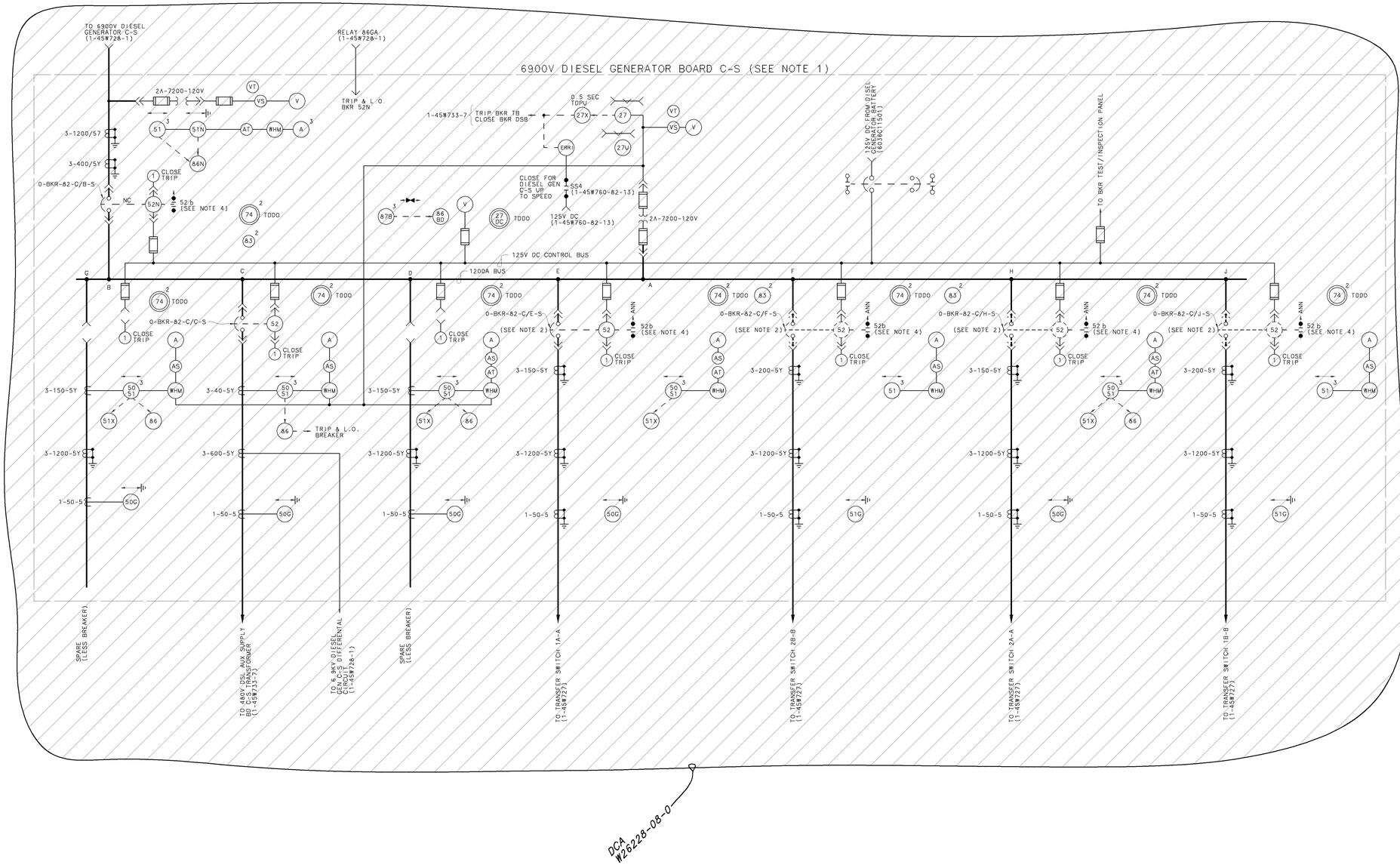

NOTES:

1. 6900V DIESEL GENERATOR BOARD C-S PURCHASED UNDER TVA HARTSVILLE-PHIPPS BEND N.P. CONTRACT 77K3-820201 BOARDS TRANSFERED TO WATTS BAR UNDER TRANSFER REQUISITION 830131.
2. 6.9KV DISEL GENERATOR C-S SHOWN AS BEING SUSTITUTED FOR 6.9 KV DISEL GENERATOR 1A-A. DIESEL GENERATOR C-S ASSUMES THE TRAIN DESIGNATION OF THE DIESEL GENERATOR IT IS REPLACING. ALL EQUIPMENT IS SAFETY RELATED. ONLY 1 BREAKER REQUIRED FOR PANELS E,F,H, & J.
3. ALL 6900V BREAKERS ARE 1200A, 500MVA, 33000A AT 8.25 KV INTERRUPTING CAPACITY.
4. BREAKER AUXILIARY CONTACTS (52b) FOR THE 6.9KV DIESEL GENERATOR BOARD C-S SUPPLY BREAKER AND THE BREAKER WHICH IS CONNECTED IN PANEL E,F,H, OR J ARE WIRED IN SERIES WITH THE ANNUCIATION CIRCUIT SHOWING THAT DIESEL GENERATOR C-S IS SUBSTITUED FOR DIESEL GENERATOR 1A-A, 1B-B, 2A-A, OR 2B-B.

REFERENCE DRAWINGS:

1-45W728-1 ---------- 6000V DIESEL GEN C-S SINGLE LINE DIAGRAM
1-45W727 ---------- 6900V STANDBY DIESEL GENERATOR SYSTEM SINGLE LINE DIAGRAM
1-45W760-82-SERIES,--- 6900V STANDBY DIESEL GEN SYSTEM SCHEMATIC DIAGRAMS

THIS CONFIGURATION CONTROL DRAWING SUPERSEDES UNIT 1 AS-CONSTRUCTED DRAWING 45W728-2 REVISION C.

REV NO.	CHANGE REF	DATE	DFTR	CHKR	DSGN	RVWR	1APPD	2APPD	3APPD	ISSD
3	W-26228-A	9-23-94	MAF	DLW	CNC	NR	NR	NR	MCB/DLO	WLE/CW
	REVISED PER DCA W26228-08-0.									

SCALE: NTS — EXCEPT AS NOTED

PROJECT FACILITY
POWERHOUSE
UNITS 1 & 2

TITLE
WIRING DIAGRAMS 6900V DSL GEN BD C-S SINGLE LINE DIAGRAMS

1 — WATTS BAR NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY — Q

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER J.G.LOWE	CHECKER D.L.COOPER	RO ISSUE PER WBEP 5.17 & RIMS B26 '90 0829 379	1 C.H.SUDDUTH
DESIGNER M.L.CHAPMAN	REVIEWER D.F.FAULKNER		2 S.J.HUNTER
			3 C.C.LYKE FOR MCB

DATE 9-22-90 | 85 | E | 1-45W728-2 | R3

FSAR FIG. NO. 8.3-24B

ISSUED BY: J.EDWARD GIBBS

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

CONFIGURATION CONTROL DRAWING