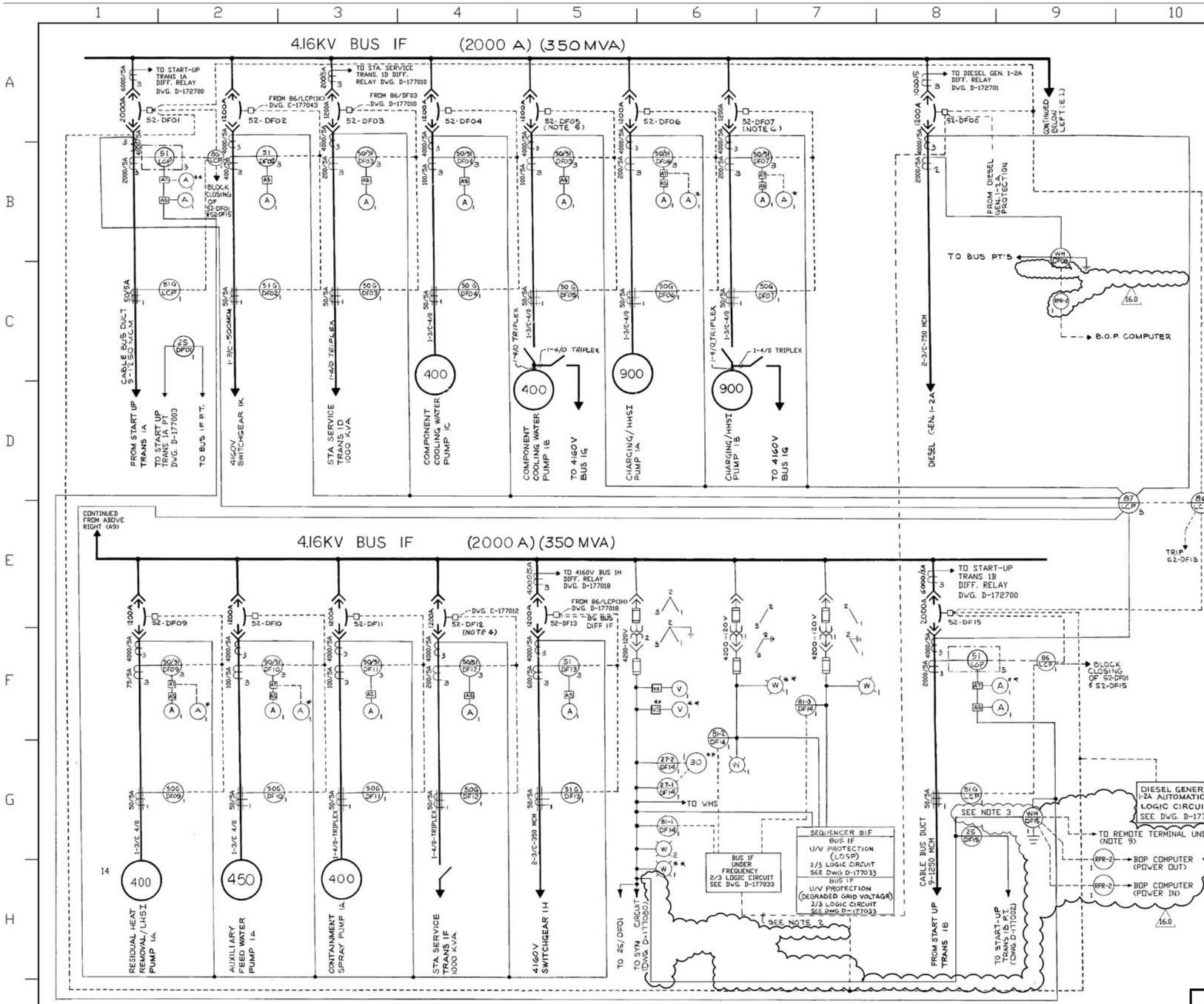

DEVICE	DESCRIPTION	MFR/TYPE	REMARKS
51 LCP	START UP TRANS 1A OVER CURRENT RELAY	GE/IAC53B	
25 SEE REMARKS	BUS 1F SYNCHRONISM CHECK RELAY	GE/IJ352A	APPLICABLE TO CELLS DF01 & DF13
51 DF02	4160V SWITCHGEAR 1K OVER CURRENT RELAY	GE/IAC53B	
50G SEE REMARKS	GROUND SENSOR RELAY	GE/PJC11AV	APPLICABLE TO CELLS DF03 TO DF07, DF09 TO DF12
50/51 DF03	STATION SERVICE TRANS 1D OVER CURRENT RELAY	GE/IAC53B	
50/51 DF04	COMP COOLING WATER PUMP 1C OVER CURRENT RELAY	GE/IAC66B	
50/51 DF05	COMP COOLING WATER PUMP 1B OVER CURRENT RELAY	GE/IAC66B	
50/51 DF06	CHARGING/HHSI PUMP, 1A OVER CURRENT RELAY	GE/IAC66B	
50/51 DF07	CHARGING/HHSI PUMP 1B OVER CURRENT RELAY	GE/IAC66B	
50/51 DF09	RHR PUMP 1A OVER CURRENT RELAY	GE/IAC66B	
50/51 DF10	AUX FEED WATER PUMP 1A OVER CURRENT RELAY	GE/IAC66B	
50/51 DF11	CTMT SPRAY PUMP 1A OVER CURRENT RELAY	GE/IAC66B	
50/51 DF12	STATION SERVICE TRANS 1F OVER CURRENT RELAY	GE/IAC53B	
51 DF13	4160V SWITCHGEAR 1H OVER CURRENT RELAY	GE/IAC53B	
86 LCP	BUS DIFFERENTIAL LOCKOUT RELAY	GE/HEA	
87 LCP	BUS 1F DIFF. PROTECTIVE RELAY	GE/PVD11C	
RPR-2	REPEATING PULSE RELAY	SOLID STATE INSTRUMENT	LOC. IN MN CONT. RM. METER AND RELAY PANEL.
27-1,2 DF14	BUS 1F UNDER VOLTAGE RELAY	GE/IAV54E	16.0
51G SEE REMARK	INVERSE TIME GROUND RELAY	GE/IAC54A	APPLICABLE TO CELLS DF02 & DF13
81-(1,2&3) DF14	BUS 1F UNDER FREQUENCY RELAY	GE/SFF201B1A	DIESEL GENERATOR 1-2A 2/3 LOGIC CIRCUIT
51 LCP	START UP TRANS 1B OVER CURRENT RELAY	GE/IAC53B	
86 LCP	START UP TRANS 1B LOCKOUT RELAY	GE/HEA	
86 LCP	START UP TRANS 1A LOCKOUT RELAY	GE/HEA	
51G LCP	VERY INVERSE TIME GROUND RELAY	GE/IAC54A	APPLICABLE TO CELLS DF01 & DF15
WH	WATT HOUR METER	JEMSTAR JS05R6010-B6-DNP	16.0

NOTES:

1. * -DENOTES MAIN CONTROL BOARD IN MAIN CONTROL ROOM.
2. BUS 1F UNDER FREQUENCY TRIP BREAKER 52-DF08 ONLY WHEN DIESEL 1-2A IS OPERATING IN PARALLEL WITH SYSTEM.
3. WH METER IS BI-DIRECTIONAL. 16.0
4. FOR KEY INTERLOCKING OF BKR. 52-DF12(SEE DWG C-177118).
5. FOR KEY INTERLOCKING OF BKR. 52-DF05(SEE DWG C-177119).
6. FOR KEY INTERLOCKING OF BKR. 52-DF07(SEE DWG C-177120).
7. LCP-DENOTES LOCAL CONTROL PANEL.
8. ** -DENOTES EMERG. POWER BOARD IN MAIN CONTROL ROOM. 16.0
9. REMOTE TERMINAL UNIT IN MAIN CONTROL ROOM.

REFERENCE DRAWINGS:

D-177001 SINGLE LINE ELEC. AUX. SYSTEM (EMERGENCY 4160V & 600V).
A-177538 ELEC. GENERAL DETAILS & NOTES.

CAD D1770051.DWG
ACADDVY JDL-03

JLD RLP DEW
VER. NO. 16.0 DATE 5-21-06
REVISED PER ABN 1040449001E020, VER. 1.0

DRAWING CATEGORY CRITICAL

Basics 3

4.16 kV Bus One-Line