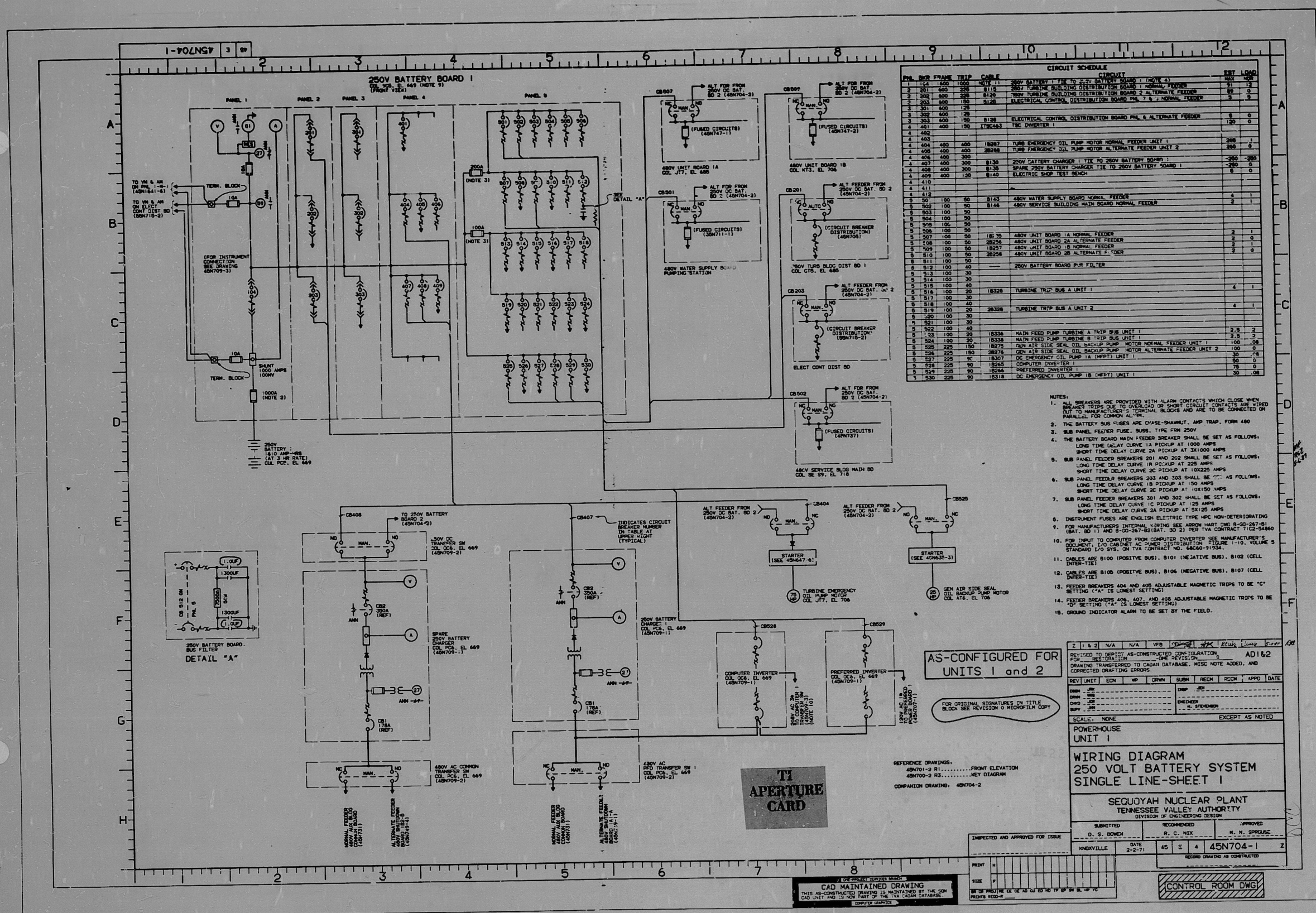




- NOTES:
1. ALL BREAKERS ARE PROVIDED WITH ALARM CONTACTS WHICH CLOSE WHEN BREAKER TRIPS DUE TO OVERLOAD OR SHORT CIRCUIT. CONTACTS ARE WIRED OUT TO MANUFACTURING PLANT ELECTRICAL BLOCKS AND ARE TO BE CONNECTED TO PARALLEL FOR COMMON ALARM.
 2. THE BATTERY BUS FUSES ARE CHASE-MOUNTED, AMP TRAP, FORM 480.
 3. SUB PANEL FEEDER FUSE, BUS, TYPE FWH 250V.
 4. THE BATTERY BOARD MAIN FEEDER BREAKER SHALL BE SET AS FOLLOWS:
LONG TIME DELAY CURVE 1A PICKUP AT 1000 AMPS
SHORT TIME DELAY CURVE 2A PICKUP AT 3000 AMPS
 5. SUB PANEL FEEDER BREAKERS 201 AND 202 SHALL BE SET AS FOLLOWS:
LONG TIME DELAY CURVE 1B PICKUP AT 100 AMPS
SHORT TIME DELAY CURVE 2C PICKUP AT 1000 AMPS
 6. SUB PANEL FEEDER BREAKERS 203 AND 204 SHALL BE SET AS FOLLOWS:
LONG TIME DELAY CURVE 1B PICKUP AT 100 AMPS
SHORT TIME DELAY CURVE 2C PICKUP AT 1000 AMPS
 7. SUB PANEL FEEDER BREAKERS 201 AND 202 SHALL BE SET AS FOLLOWS:
LONG TIME DELAY CURVE 1C PICKUP AT 125 AMPS
SHORT TIME DELAY CURVE 2A PICKUP AT 3000 AMPS
 8. INSTRUMENT FUSES ARE ENCLICH ELECTRIC TYPE WPC NON-DETERIORATING.
 9. FOR MANUFACTURER'S INTERNAL WIRING SEE ARROW HART ONE 8-20-247-S (BAT. 20 17) AND 8-20-247-S (BAT. 20 3) FOR TWA CONTRACT 11C3-54460.
 10. FOR INVERTER TO COMPUTER FROM COMPUTER INVERTER SEE MANUFACTURER'S DOCUMENT 170 CABINET AC WIRING DISTRIBUTION FIGURE 1-10, VOLUME 5 STANDARD 170 SITS ON TWA CONTRACT NO. 8840-91504.
 11. CABLES ARE: B100 (POSITIVE BUS), B106 (NEGATIVE BUS), B107 (CELL INTER-TIE).
 12. FEEDER BREAKERS 404 AND 405 ADJUSTABLE MAGNETIC TRIPS TO BE "C" SETTING ("A" IS LOWEST SETTING).
 13. FEEDER BREAKERS 407 AND 408 ADJUSTABLE MAGNETIC TRIPS TO BE "C" SETTING ("A" IS LOWEST SETTING).
 14. GROUND INDICATOR ALARM TO BE SET BY THE FIELD.

AS-CONFIGURED FOR
UNITS 1 and 2

FOR ORIGINAL SIGNATURES IN TITLE
BLOCK SEE REVISION 0 MICROFILM COPY

REFERENCE DRAWINGS:
45N704-2 R1.....FRONT ELEVATION
45N704-2 R3.....KEY DIAGRAM
COMPARISON DRAWING: 45N704-2

REV	UNIT	CON	MP	DRWN	SUBM	RECH	APPR	DATE
1	1	1	1	1	1	1	1	1

SCALE: NONE
EXCEPT AS NOTED

POWERHOUSE
UNIT 1

WIRING DIAGRAM
250 VOLT BATTERY SYSTEM
SINGLE LINE-SHEET 1

SEQUOYAH NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED: D. S. BOWEN
RECOMMENDED: R. C. NIX
APPROVED: M. N. SPRIGGS

WODVILLE DATE: 45 S 4 45N704-1 Z

RECORD DRAWING AS CONSTRUCTED

CONTROL ROOM DWG

80247168118

PDR RIDS

