

A 26V DC TURBINE BATTERIES  
480V AC TRANSFER SWITCHES

B 26V DC TURBINE BATTERY CHARGERS

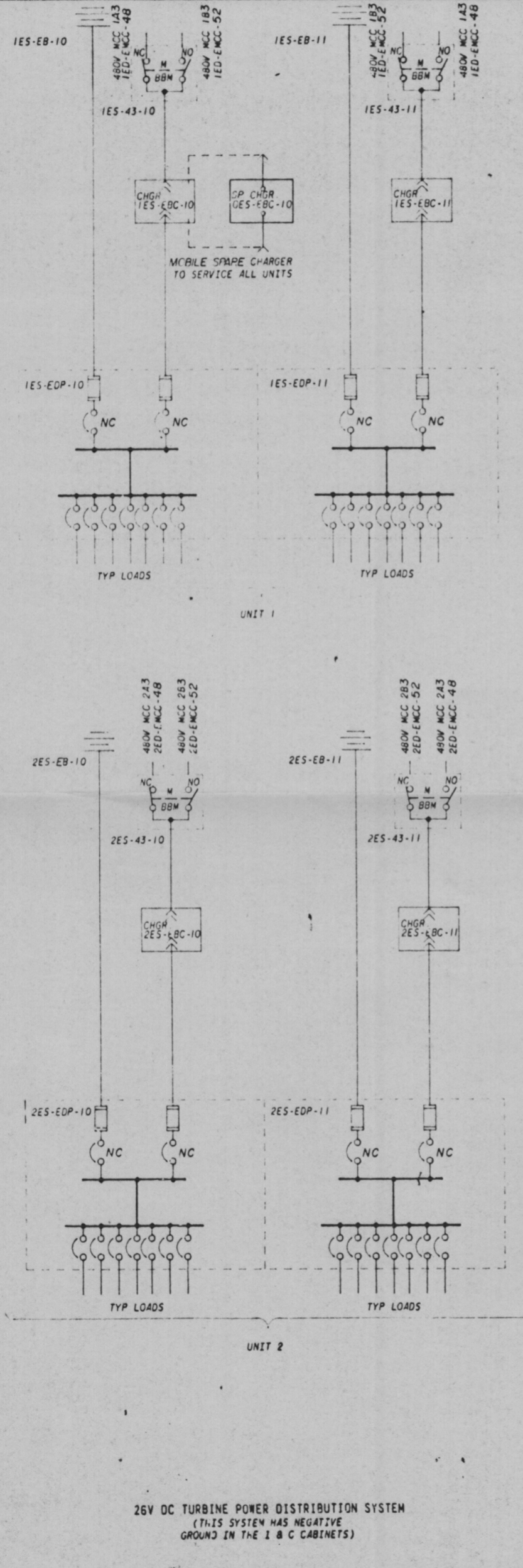
C 26V DC TURBINE POWER DISTR PANELS

D 26V DC TURBINE BATTERIES  
480V AC TRANSFER SWITCHES

E 26V DC TURBINE BATTERY CHARGERS

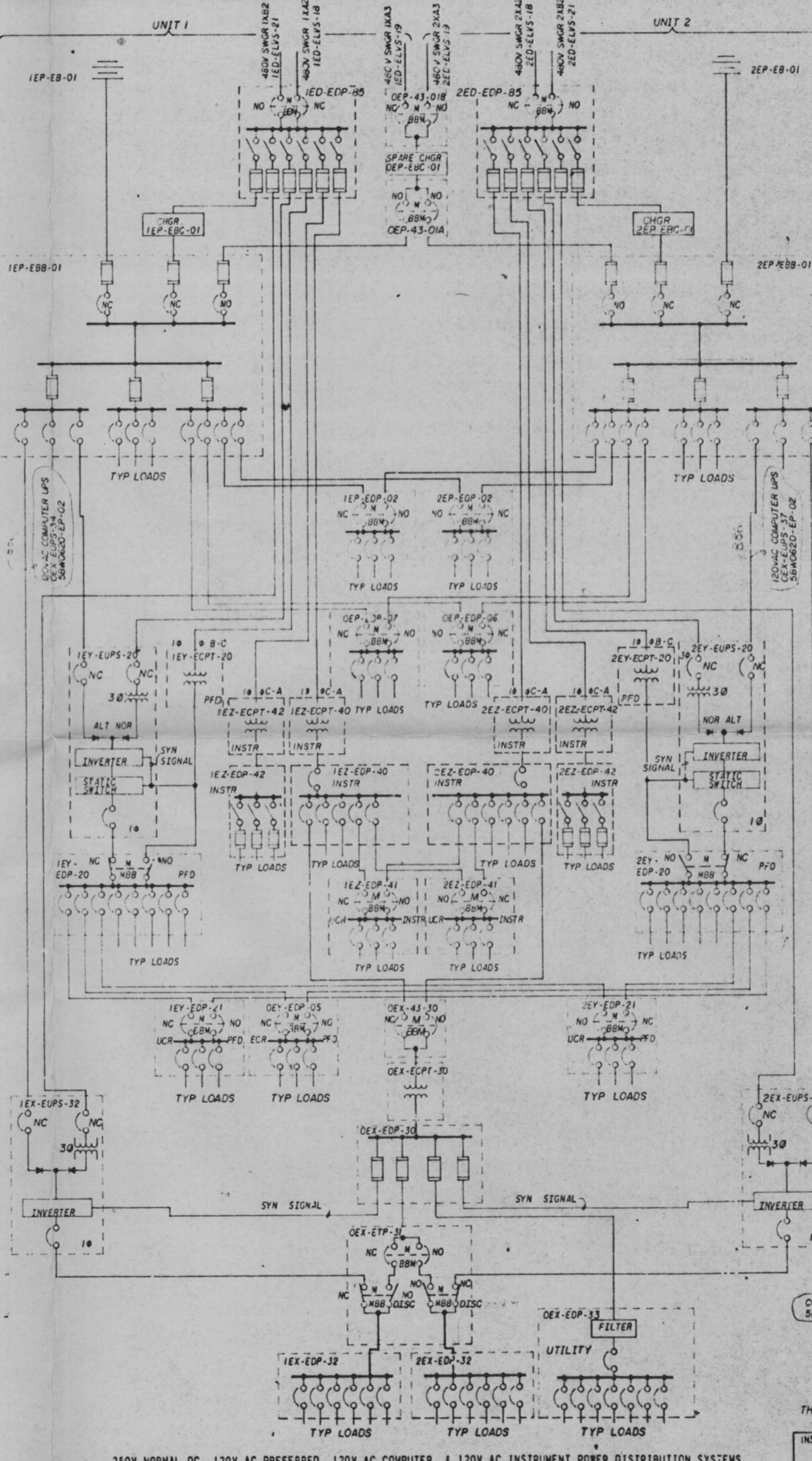
F 26V DC TURBINE POWER DISTR PANELS

G 26V DC TURBINE POWER DISTR PANELS



26V DC TURBINE POWER DISTRIBUTION SYSTEM  
(THIS SYSTEM HAS NEGATIVE GROUND IN THE 1 & C CABINETS)

- 250V NORMAL DC BATTERIES
- 480V AC DISTRIBUTION PANELS
- SPARE BATTERY CHARGER
- VAC TRANSFER SW
- 250V NORMAL DC BATTERY CHARGERS
- SPARE BATTERY CHARGER
- 250V DC TRANSFER SW
- 250V NORMAL DC BATTERY BUSES
- 250V NORMAL DC UNIT CONTROL ROOM POWER DISTR PANELS
- 250V NORMAL DC ELEC CONTROL BOARD POWER DISTRIBUTION PANELS
- 120V AC PFD UNINTERRUPTIBLE POWER SUPPLY
- 120V AC PFD TRANSFORMERS 10, 480V/120V
- 120V AC INSTR TRANSFORMERS 10, 480V/120V
- 120V AC INSTRUMENT PWR DISTR PANELS
- 120V AC PREFERRED PWR DISTR PANELS
- 120V AC INSTRUMENT UNIT CONTROL RM DISTR PANELS
- 120V AC PFD UNIT CONT RM DISTR PANELS
- 120V AC PFD ELECT CONT RM DISTR PNL
- 120V AC COMPUTER MAINT SUPPLY TRANSFER SWITCH
- 120V AC COMPUTER MAINT REG TRANSFORMER
- 120V AC COMPUTER UNINTERRUPTIBLE POWER SUPPLIES
- 120V AC COMPUTER MAINT DIST. PANEL
- 120V AC COMPUTER POWER TRANSFER PANEL
- 120V AC COMPUTER UTILITY POWER DISTR. PANEL
- 120V AC COMPUTER UNINTERRUPTIBLE POWER SUPPLY DISTR. PANELS



250V NORMAL DC, 120V AC PREFERRED, 120V AC COMPUTER, & 120V AC INSTRUMENT POWER DISTRIBUTION SYSTEMS

REFERENCE DRAWINGS:  
SBW1625-EP-1,2  
SBW2625-EP-1,2  
9CWO715-XO-1

SYMBOLS:  
UCR-UNIT CONTROL ROOM  
ECR-ELECTRICAL CONTROL ROOM

NC NORMALLY CLOSED CONTACTS  
NO NORMALLY OPEN CONTACTS  
M/B MANUALLY OPERATED BREAK-BEFORE-MAKE TRANSFER SW  
M/B/W MANUALLY OPERATED MAKE-BEFORE-BREAK TRANSFER SW  
M/B/DISC MANUALLY OPERATED MAKE-BEFORE-BREAK TRANSFER SW WITH LOAD DISCONNECT POSITIONS

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REGULATORY DOCKET FILE

PRC APERTURE CARD

REV	NO.	DATE	BY	CHKD	APPD	DESCRIPTION
1	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
2	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
3	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
4	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
5	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
6	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
7	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
8	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
9	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
10	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
11	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION
12	SI, 422	3-25-83	J. E. STEVENSON			REVISED SCHEMATICS, REVISED COMPUTER POWER TRANSFER SW CONFIGURATION

POWERHOUSE UNITS 1 & 2

KEY DIAGRAM  
250V NORMAL DC AND RELATED CONTROL POWER DISTRIBUTION SYSTEMS

BELLEFONTE NUCLEAR PLANT  
TENNESSEE VALLEY AUTHORITY  
DIVISION OF ENGINEERING DESIGN

THIS DRAWING SUPERSEDES 45N700-2 R1  
INSPECTED AND APPROVED FOR ISSUE

KNOXVILLE 7-14-75 38 E SBW0620-EP-01 R2

THIS DRAWING IS UNDER CONFIGURATION CONTROL