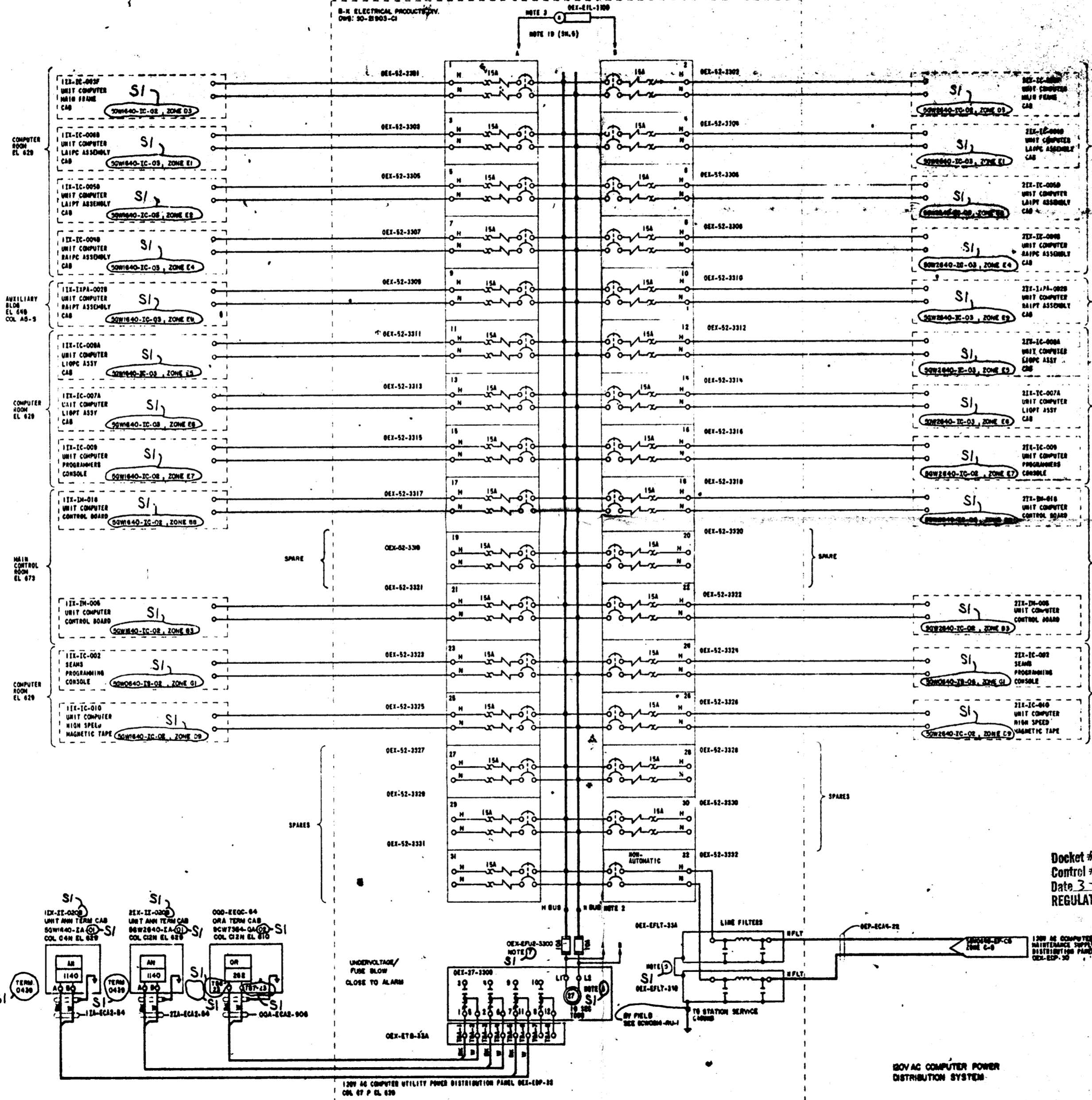


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- NOTES:
1. PANELBOARD IS 100 AMPERE FRAME, 10,000 AMPERE-SECOND SYMMETRICAL SHORT CIRCUIT CAPACITY AT 250V AC WITH MAIN ENCLOSURE SIMILAR TO BE CAT. NO. 224570P, OR EQUAL, HE. VTB-4, FTS CONTRACT NO. 7716-0275M.
  2. THE MAIN CIRCUIT BREAKER IS 100 AMPERE FRAME, NON-AUTOMATIC, 2-POLE, 600V AC, HAVING WITHSTAND WITHSTAND CURRENT RATING OF 175 \* 10<sup>3</sup> AMPERE FOR DURATION LESS THAN 1/2 OF SECOND, AND 200 \* 10<sup>3</sup> AMPERE FOR DURATION LESS THAN 1/2 SECOND, OR TYPE T2B, OR EQUAL.
  3. PANEL OPERATOR INDICATOR IS UNDER INCANDESCENT LAMP WITH CURRENT LIMITING RESISTOR BE TYPE ET-16, OR EQUAL.
  4. BRANCH CIRCUIT BREAKERS ARE TRIP RATED AS SHOWN ON THE SCHEMATIC, 100 AMPERE FRAME, 10,000 AMPERE RISE SYMMETRICAL, INTERRUPTING CAPACITY AT 250V AC, 2-POLE BE TYPE T2B, OR EQUAL.
  5. THE ONE LINE FILTERS ARE 400 AMPERE, 120V AC, 60 HERTZ, S-TERMINAL, SERIES T1 TYPE, FLAT MOUNTING STYLE, ALL-TROUBLE INC. PART NO. 400000.R10, OR EQUAL.
  6. THE UNDERVOLTAGE RELAY SERVED AN ABSENCE OF VOLTAGE AND PROVIDES CONTACT CLOSURE DELAYED BY 10 SECONDS, SET BY FIELD, AND DOES NOT CLOSE IF VOLTAGE IS REAPPLIED PRIOR TO THE END OF THE 10 SECOND DELAY, 120V AC, 60 HZ, 4PDT SWITCH, ABSTAT 7000 SERIES OFF-DELAY RELAY, NUMBER 7004AC, OR EQUAL.
  7. THE 1/2 AMPERE FUSES FOR INDICATING LAMP AND THE DELAY RELAY ARE BUSSMAN FUSEBLOW PRN, OR EQUAL, WIRES SUPPLYING FUSES SHALL BE AS SHORT AS POSSIBLE AND EACH WIRE ISOLATED FROM ALL OTHER WIRES.
  8. FOR MOUNTING DETAILS SEE TYPICAL DRAWING NO. SCHEM-NU-7.
  9. T2B IS 8 POINT, 30 AMPERE, SCREW TYPE, 600 VOLTS, 02, TYPE EB-28 OR EQUAL.
  10. FOR GENERAL NOTES, REFERENCES AND SYMBOLS SEE SCHEM-EP-05.

PRC APERTURE CARD

Docket # 50-438  
Control # 8304050536  
Date 3-25-83 of Document  
REGULATORY DOCKET FILE

EON 51		1-13-1984		10/13/84	
MINOR CHANGES AND REVISIONS:					
REV	DESCRIPTION	DATE	BY	CHKD	APPD
1	ISSUED FOR PRC APERTURE CARD				
2	REVISION				
GENERAL					
UNITS 1 & 2					
SCHEMATIC DIAGRAM					
250V NORMAL DC POWER					
DISTRIBUTION SYSTEM					
BELLEFONTE NUCLEAR PLANT					
TENNESSEE VALLEY AUTHORITY					
DIVISION OF ENGINEERING DESIGN					
SUBMITTED		RECOMMENDED		APPROVED	
[Signature]		[Signature]		[Signature]	
KNOXVILLE					

120V AC COMPUTER POWER DISTRIBUTION SYSTEM

DATE: 11-20-83

INSPECTED AND APPROVED FOR ISSUE