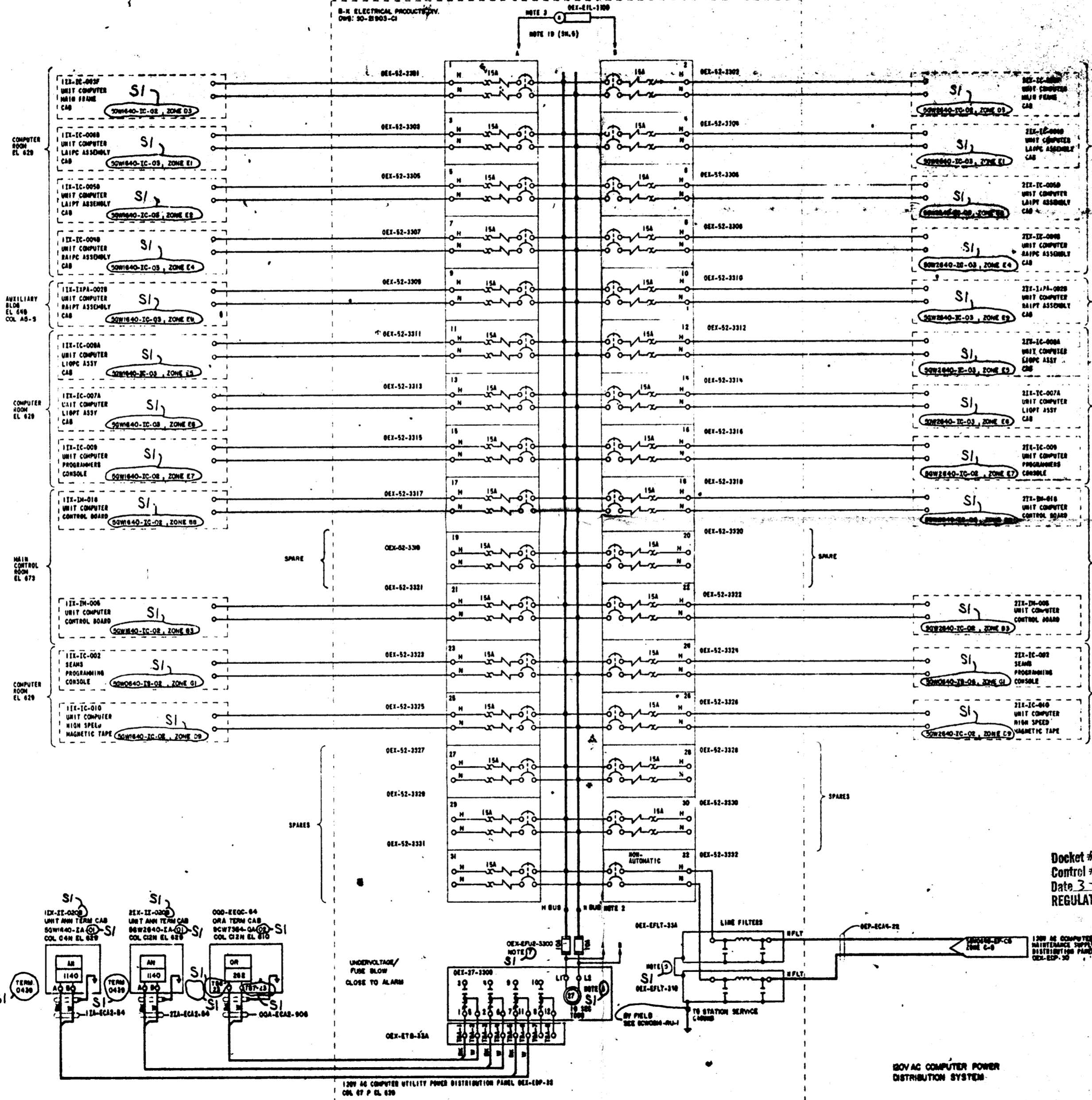


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- NOTES:
1. PANELBOARD IS 100 AMPERE FRAME, 10,000 AMPERE-SECOND SYMMETRICAL SHORT CIRCUIT CAPACITY AT 250V AC WITH MAIN ENCLOSURE SIMILAR TO BE CAT. NO. DE 226570P, OR EQUAL, HE, VTB-4, FTS CONTRACT NO 7716-0275M
 2. THE MAIN CIRCUIT BREAKER IS 100 AMPERE FRAME, NON-AUTOMATIC, 2-POLE, 600V AC, HAVING WITHSTAND WITHSTAND CURRENT RATING OF 175 * 10³ AMPERE FOR DURATION LESS THAN 1/2 OF SECOND, 2000 AMPERE FOR DURATION LESS THAN 1/2 OF SECOND, 2000 AMPERE FOR DURATION LESS THAN 1/2 OF SECOND, OR TYPE T20, 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 T20, OR EQUAL.
 5. THE ONE LINE FILTERS ARE 100 AMPERE, 120V AC, 60 HERTZ, S-TERMINAL, SERIES T1 TYPE, FLAT MOUNTING STYLE, ALL-TONGES INC. PART NO. 400000.R10, OR EQUAL.
 6. THE UNDERVOLTAGE RELAY SENSES 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, 40PT 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 FUSELON 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. SCW080-RU-7.
 9. T20 IS 8 POINT, 30 AMPERE, SCREW TYPE, 600 VOLTS, 02, TYPE EB-20 OR EQUAL.
 10. FOR GENERAL NOTES, REFERENCES AND SYMBOLS SEE SCW080-EP-05.

PRC APERTURE CARD

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

ECON 51		1-13-1984		10/13/84		10/13/84	
MINOR CHANGES AND REVISIONS:							
REV	DESCRIPTION	DATE	BY	CHKD	APPD	REASON	DATE
1	ISSUED FOR PRC	10/13/84
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			
10/13/84		10/13/84		10/13/84			
KNOXVILLE							

PRINTS REQUIRED	NO. OF SETS
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
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22	1
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24	1
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31	1
32	1
33	1
34	1
35	1
36	1
37	1
38	1
39	1
40	1
41	1
42	1
43	1
44	1
45	1
46	1
47	1
48	1
49	1
50	1

CONSULTING ENGINEER

INSPECTED AND APPROVED FOR ISSUE

120V AC COMPUTER POWER DISTRIBUTION SYSTEM

120V AC COMPUTER UTILITY POWER DISTRIBUTION PANEL DEK-EDP-08