



- NOTES:
- PANEL IS PROVIDED ON CONTRACT NO. 78K4-823705.
 - PANELLBOARD IS 100 AMPERE FRAME, 10,000 AMPERE-RMS SYMMETRICAL SHORT CIRCUIT CAPACITY AT 240V AC WITH NEMA ENCLOSURE SIMILAR TO WESTINGHOUSE TYPE #78 OR EQUAL.
 - THE MAIN CIRCUIT BREAKER IS 100 AMPERE FRAME, NON-AUTOMATIC, 2 POLE, 600V AC HAVING MINIMUM WITHSTAND CURRENT RATING OF 147,000 PFM DURATION LESS THAN 0.0167 SECONDS, 2500 AMPS FOR DURATION LESS THAN 0.167 SECONDS AND 2000 AMPS FOR DURATION LESS THAN 1 SECOND, WESTINGHOUSE TYPE #78 OR EQUAL.
 - PANEL ENERGIZED INDICATOR IS A TRANSFORMER TYPE LIGHT UNIT WITH AN AMBER LENS, CUTLER-HAMMER 102507181CS OR EQUAL.
 - ANNUNCIATING AND INDICATING WIRE IS 16 AWG, SINGLE CONDUCTOR, 600 VOLTS, TEFZEL INSULATED.
 - BRANCH CIRCUIT BREAKERS ARE TRIP RATED AS SHOWN ON THE SCHEMATIC, 100 AMP FRAME, 10,000 AMPERE-RMS SYMMETRICAL INTERRUPTING CAPACITY AT 240V AC, 2 POLE, WESTINGHOUSE TYPE #8 OR EQUAL.
 - THE UNDERVOLTAGE RELAY SENSES AN ABSENCE OF VOLTAGE AND PROVIDES CONTACT OPERATING DELAYED BY 10 SECONDS, SET BY FIELD, AND DOES NOT OPEN IF VOLTAGE IS REAPPLIED PRIOR TO THE END OF THE 10 SECOND DELAY, 120V AC, 60 HZ, 2PDT SWITCH, AGASTAT 7000 SERIES OFF-DELAY, MODEL NO. 7024 AC OR EQUAL.
 - THE 10 AMPERE FUSES FOR INDICATING LAMP AND TIME DELAY RELAY ARE BUSHBAM FUSEBOX FAN OR EQUAL. WIRES SUPPLYING FUSES SHALL BE AS SHORT AS POSSIBLE AND EACH WIRE ISOLATED FROM ALL OTHER WIRES.
 - TBA IS 8 POINT, 30AMP, SCREW TYPE, 600V, BUCHANAN 0721 OR EQUAL.
 - PANEL ACCESS TO BE ADMINISTRATIVELY CONTROLLED (PANEL DOOR LOCKED WITH ALL BREAKERS OPEN DURING NORMAL OPERATIONS).

PRC
APERTURE
CARD

Docket # 50-438
Cont # 830 4050 536
Date 3-25-83 of Document
REGULATORY DOCKET FILE

21140	5/21/83	REVISED LOADS
1	SI	5/20/83
PROGRAM: ACCORD LOADS, CABLE NUMBERS, MONITORING POINT "M"		
REV	ECN NO	DATE
0000	J. F. MEARN	RESP
0001	J. F. MEARN	DESIGN
0002	G. D. PETERSON	ENGINEER
0003	J. F. MEARN	ENGINEER
0004	M. W. STEVENSON	ENGINEER
SCALE: NTS EXCEPT AS NOTED		
GENERAL UNITS 1 & 2		
SCHEMATIC DIAGRAM		
250V NORMAL DC POWER		
DISTRIBUTION SYSTEM		
BELLEFONTE NUCLEAR PLANT		
TENNESSEE VALLEY AUTHORITY N		
DIVISION OF ENGINEERING DESIGN		
SUBMITTED	RECOMMENDED	APPROVED
M. W. STEVENSON	J. SPRINGER	R. M. HODGES
INSPECTED AND APPROVED FOR ISSUE		
KNOXVILLE		
88 E 5GMO640-EP-18 R2		