



- NOTES:
- FIELD ADDED FUSES (BUSS FR5-60).
 - CIRCUIT BREAKER IN COMPARTMENT 4C HAS BEEN REMOVED. ONLY REVERSIBLE STARTER SIZE 2.
 - BREAKER IN CUBICLE 10A IS NORMALLY OPEN TO INSURE THAT CIRCUIT R24-S012-ES8-C49A IS DEPOWERED DURING NORMAL OPERATIONS.
 - REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
 - SEE MCC DATA SHEET B-17366 FOR MOTOR DATA.

* -CONSTANT RATING FOR MAGNETIC-ONLY WITH ADJUSTABLE INSTANTANEOUS TRIP RANGE.

- REFERENCES:
- BC-17356 CIRCUIT SCHEDULE REACTOR & RADWASTE BUILDING & DRYWELL
 - BRW-17357 RACEWAY SCHEDULE REACTOR & RADWASTE BUILDING & DRYWELL
 - B-17366 REACTOR BUILDING ESSENTIAL MCC SCHEDULE (R24-S012)
 - B-17025 MCC FRONT ELEVATION DRAWINGS SHEETS NO. 4 & 5
 - H-17226 MCC-1B EXTERNAL CONNECTION DIAGRAM
 - H-17229 H-17229
 - H-17760 ELEM DIAG RHR SYSTEM E11
 - B-17025 FRONT VIEW R24-S012
 - SX-13618B MCC LAYOUT, ESSENTIAL MCC R24-S012
 - SX-13688B CONTROL SYSTEM C41
 - H-17120 ELEM DIAG STANDBY LIQUID CONTROL SYSTEM C41
 - H-17041 ELEM DIAG SAFEGUARD EQUIP COOLING SYSTEM T41
 - H-17045 ELEM DIAG CONTAINMENT ATMOSPHERE DILUTION SYS T48
 - H-17047 ELEM DIAG DW COOLING SYS T47
 - H-19678 ELEM DIAG H₂O ANAL SYS P33B
 - H-19652 ELEM DIAG HIGH RADIATION CONTROL SYS D11,G11
 - H-17104 ELEM DIAG STANDBY GAS TREATMENT SYS T46
 - H-19520 ELEM DIAG RADWASTE SYS G11
 - H-17097 ELEM DIAG RHR JOCKEY PMP SYS E21
 - H-17088 ELEM DIAG RBCCW SYS P42
 - H-17086 ELEM DIAG REAC BLDG SERV WTR SYS P41
 - H-17092 ELEM DIAG MISC INST AIR SYS P51/P52
 - H-17806 ELEM DIAG NUCLEAR STM SPLY SYS A71
 - H-17113 ELEM DIAG CRD HYD INST SYS C11
 - H-17902 ELEM DIAG RX RECIRC PUMP SYS B31
 - H-17176 ELEM DIAG RX WTR CLEANUP SYS G31
 - H-17074 ELEM DIAG FUEL POOL COOLING SYS G41
 - H-19641 ELEM DIAG COMM EMER LIGHTS SYS R51F
 - H-17823 ELEM DIAG REAC MANUAL CONT SYS C11
 - H-17205 ELEM DIAG RHR LOCAL RACKS SYS H21
 - H-17756 ELEM DIAG TRANSVERSING INCORE PROBE CALIBRATION SYS C51
 - H-17157 ELEM DIAG HPCI SYS E41
 - H-19572 ELEM DIAG REMOTE SHUTDOWN SYS C82
 - H-17147 ELEM DIAG RCIC SYS E51
 - H-17108 ELEM DIAG CORE SPRAY SYS E21
 - H-17084 ELEM DIAG PROCESS SAMPLING SYSTEM P33
 - H-17098 ELEM DIAG REACTOR WATER DEMINERALIZER CLEANUP SYSTEM G31
 - H-17100 ELEM DIAG FUEL POOL FILTER/DEMINERALIZER SYSTEM G41
 - H-17783 ELEM DIAG RPS SYSTEM C71
 - A-10119 LOAD LIST FOR R24-S012
 - A-10269 LOAD LIST FOR R25-S116

BOUNDARY DIAGRAM NO.: 1R20-B01-16
 FUNCTION(S) NO.: 1R20-01
 PREPARED BY: MARK CRISLER
 DATE: 4/6/98
 REVIEWED BY: RENEE RITCHIE
 DATE: 4/20/98

LICENSE RENEWAL DOCUMENT
 MPL NO. R24 ACAD14 HL17011

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT NO. 1
 SINGLE LINE DIAGRAM - REACTOR BUILDING
 600V ESSENTIAL MCC - 1B SH. 2 OF 2
 MPL R24-S012

DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN LCF		10-502	HL-17011
DATE	SCALE		A
None			

APPROVED, ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES.
 DRAWING CREATED FROM H-17011, REV. 28; BY ECB

Revised: A Date: 11-17-99

BY	CHECKED	APPROVED
ECB	OMC	ASK