



- NOTES:**
- 1.* CONSTANT RATING FOR MAGNETIC BREAKER WITH ADJUSTABLE INSTANTANEOUS TRIP RANGE.
 2. THIS BREAKER HAS A REPLACEABLE TRIP MECHANISM, ALTHOUGH THE LABEL PLATE ON THE BREAKER CASE INDICATES A 125A TRIP SETTING, THE INSTALLED TRIP MECHANISM HAS A 150A TRIP SETTING.
 3. FOR SHUNT TRIP INTERLOCK LOGIC, SEE THE NORMAL AND ALTERNATE SUPPLY SCHEMATICS ON REFERENCE 7.
 4. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
 5. SEE MCC DATA SHEET B-13052 FOR MOTOR DATA.

- REFERENCES:**
1. B-13029 FRONT VIEW MCC R24-S029
 2. B-13025 FRONT VIEW MCC R24-S030
 3. B-13030 FRONT VIEW MCC R24-S031
 4. B-13052 EQUIPMENT LIST MCC R24-S029
 5. B-13053 EQUIPMENT LIST MCC R24-S029
 6. B-13054 EQUIPMENT LIST MCC R24-S029
 7. H-14106 WIRING DIAGRAM MCC R24-S029
 8. H-14109 WIRING DIAGRAM MCC R24-S030
 9. H-14107-1 H-14108 WIRING DIAGRAM MCC R24-S031
 10. H-17089-1 H-17073 ELEMENTARY DIAGRAM CONTROL BUILDING CONTROL AND CABLE SPREADING ROOM AIR CONDITION SYSTEM Z41 SHEET 1 THRU 6
 11. H-17067 ELEMENTARY DIAGRAM CONTROL BUILDING VENTILATION SYSTEM Z41
 12. H-17106-1 H-17107 ELEMENTARY DIAGRAM CONTROL BUILDING WATER ANALYZER ROOM AND HOT INSTRUMENT SHOP AIR CONDITION SYSTEM Z41
 13. H-17156 ELEMENTARY DIAGRAM CONTROL BUILDING HVAC DIAGRAMS INVERTER ROOM HVAC SERVICE WATER SYSTEM ZP41
 14. H-17994 WIRING DIAGRAM COMPUTER HOT INSTRUMENT CO STORAGE ROOM HVAC
 15. DELETED
 16. H-24195 ELEMENTARY DIAGRAM HEALTH PHYSICS AREA HVAC SYSTEM Z41C
 17. H-27841 ELEMENTARY DIAGRAM CONTROL BUILDING VENTILATION SYSTEM Z241
 18. H-40075-1 H-40086 ELEMENTARY AND WIRING DIAGRAMS HEALTH PHYSICS HVAC SYSTEM
 19. S-13905& S-13914 MCC LAYOUT OF STARTER AND BREAKER
 20. S-13929-1 S-13944 WIRING DIAGRAM CIRCUIT BREAKER AND STARTERS
 21. S-30910 WIRING DIAGRAM 2R24-S011A SIZE 2, 3 AND 4 FVN COMBINATION STARTER
 22. A-10138 LOAD LIST FOR R24-S029
 23. A-10139 LOAD LIST FOR R24-S030
 24. A-10140 LOAD LIST FOR R24-S031
 25. H-13365 SINGLE LINE DIAGRAM CONTROL BUILDING 600V MCC 1B R24-S002 & MCC 1C R24-S003
 26. H-19700 ELEMENTARY DIAGRAM CONTROL BUILDING VENTILATION SYSTEM Z41
 27. H-42932 ELEMENTARY DIAGRAM CONTROL BUILDING LPCI INVERTER AND VITAL AC ROOM COOLING SYS Z41 & Z241 SH. 1
 28. H-43369 ELEMENTARY DIAGRAM RPT 1A & 1B MAIN AC OIL PUMPS

BOUNDARY DIAGRAM NO. 1R20-B01-08
FUNCTION(S) NO.: 1R20-01
PREPARED BY: Mark Crisler
DATE: 04/06/98
REVIEWED BY: Renee Ritchey
DATE: 04/20/98

LICENSE RENEWAL DOCUMENT

MPL NO. R24 ACAD14 HL13364

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
 SINGLE LINE DIAGRAM - CONTROL BUILDING
 600V MCC - 1E, 1F, 1C
 MPL'S R24-S029, R24-S030 AND R24-S031

NO.	REVISION	DATE	BY	CHKD	APP'D
1	AS	04/06/98	MARK CRISLER	RENEE RITCHEY	MARK CRISLER

NO.	REVISION	DATE	BY	CHKD	APP'D
1	AS	04/20/98	RENEE RITCHEY	MARK CRISLER	MARK CRISLER

Revision: A Date: 11-12-99
 APPROVED, ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-13364, REV.33 BY EGB.

NO.	REVISION	DATE	BY	CHKD	APP'D
1	AS	04/06/98	MARK CRISLER	RENEE RITCHEY	MARK CRISLER