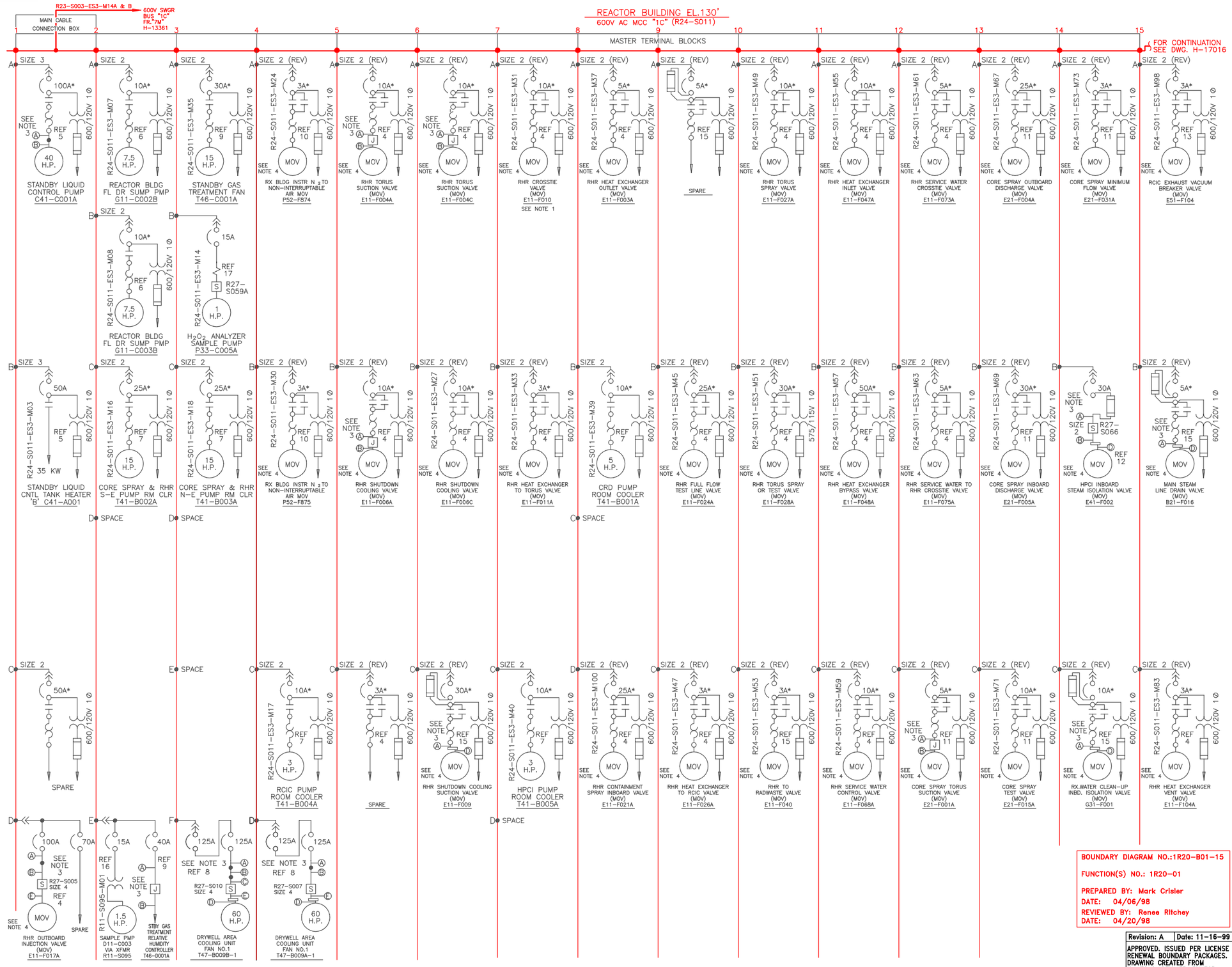
HL-17010



NOTES:

1. AFTER VALVE E11-F010 IS CLOSED, THE BREAKER AT FRAME 7A IS TO BE PAD LOCKED IN THE OPEN POSITION.
2. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
3. FOR CABLE NUMBER, SEE TABLE 1 ON DWG H-17016.
4. SEE MCC DATA SHEET B-17365 FOR MOTOR DATA.

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

REFERENCES:

1. B-17365	REACTOR BUILDING ESSENTIAL MCC R24-S011 SCHEDULE SH.1,2 & 3
2. B-17025	ESSENTIAL MCC R24-S011 FRONT VIEW DRAWING SH.2 & 3
3. H-17222-H-17225	600V ESSENTIAL MCC R24-S011 EXTERNAL CONNECTION DIAGRAM
4. H-17760	ELEMENTARY - RESIDUAL HEAT REMOVAL SYSTEM - E11
5. H-17120	ELEMENTARY - STANDBY LIQUID CONTROL SYSTEM - C41
6. H-19520	ELEMENTARY - RADWASTE SYSTEM - G11
7. H-17041	ELEMENTARY - SAFEGUARD EQUIP COOLING SYSTEM - T41
8. H-17047	ELEMENTARY - DRYWELL COOLING SYSTEM - T47
9. H-17104	ELEMENTARY - STANDBY GAS TREATMENT SYSTEM - T46
10. H-17092	ELEMENTARY - MISCELLANEOUS AIR INSTRUMENT SERVICE SYSTEM - P52
11. H-17108	ELEMENTARY - CORE SPRAY SYSTEM - E21
12. H-17157	ELEMENTARY - HIGH PRESSURE COOL INJECTION SYSTEM - E41
13. H-17147	ELEMENTARY - REACTOR CORE ISOLATION CLG SYSTEM - E51
14. H-17176	ELEMENTARY - REACTOR WATER CLEAN-UP SYSTEM - G31
15. H-17806	ELEMENTARY - NUCLEAR STEAM SPLY SHUT-OFF SYSTEM - A71
16. H-19662	ELEMENTARY - PROCESS RADIATION MONITORING SYSTEM - D11
17. H-19678	ELEMENTARY - HYDROGEN AND OXY ANALYZER SYSTEM - P33
18. H-17097	ELEMENTARY - CS AND RHR JOCKEY PUMP SYSTEM - E21
19. H-17045	ELEMENTARY - CONTAINMENT ATMOSPHERE DILUTION SYSTEM - T48
20. H-17052	ELEMENTARY - REACTOR BUILDING VENTILATION SYSTEM - T41
21. H-17081	ELEMENTARY - PRIMARY CONTAINMENT PURGE & INRT SYSTEM - T48B
22. H-17086	ELEMENTARY - REACTOR BUILDING SERVICE WATER SYSTEM - P41
23. H-19603	ELEMENTARY - DRYWELL & TORUS DIFFERENTIAL PRESSURE SYSTEM - T48
24. SX-13616-7	ESSENTIAL MCC R24-S011 LAYOUT DRAWING
25. H-17084	ELEMENTARY - REACTOR WATER CLEAN-UP SYSTEM - G31
26. H-17783	ELEMENTARY - RPS SYSTEM - C71
27. H-17122	ELEMENTARY - START-UP RANGE DETECTOR DRIVE CONTROL SYSTEM - C51
28. H-17860	ELEMENTARY - REACTOR RECIRCULATING PUMP SYSTEM - B31
29. A-10118	LOAD LIST FOR R24-S011
30. A-10278	LOAD LIST FOR R25-S125
31. H-19572	ELEMENTARY - REMOTE SHUTDOWN SYSTEM - C82 SH. 1

LICENSE RENEWAL DOCUMENT

BOUNDARY DIAGRAM NO.:1R20-B01-15
FUNCTION(S) NO.: 1R20-01
PREPARED BY: Mark Crisler
DATE: 04/06/98
REVIEWED BY: Renee Ritchey
DATE: 04/20/98

Revision: A | Date: 11-16-99

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BY	CHK'D	APPR.1
ECB	GMC	ASK

MPL NO. R24 | ACAD14 | HL17010

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
SINGLE LINE DIAGRAM
REACTOR BUILDING 600V AC ESSENTIAL MCC "1C" SH.1 MPL R24-S011

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-17010	A
DATE	SCALE: None			