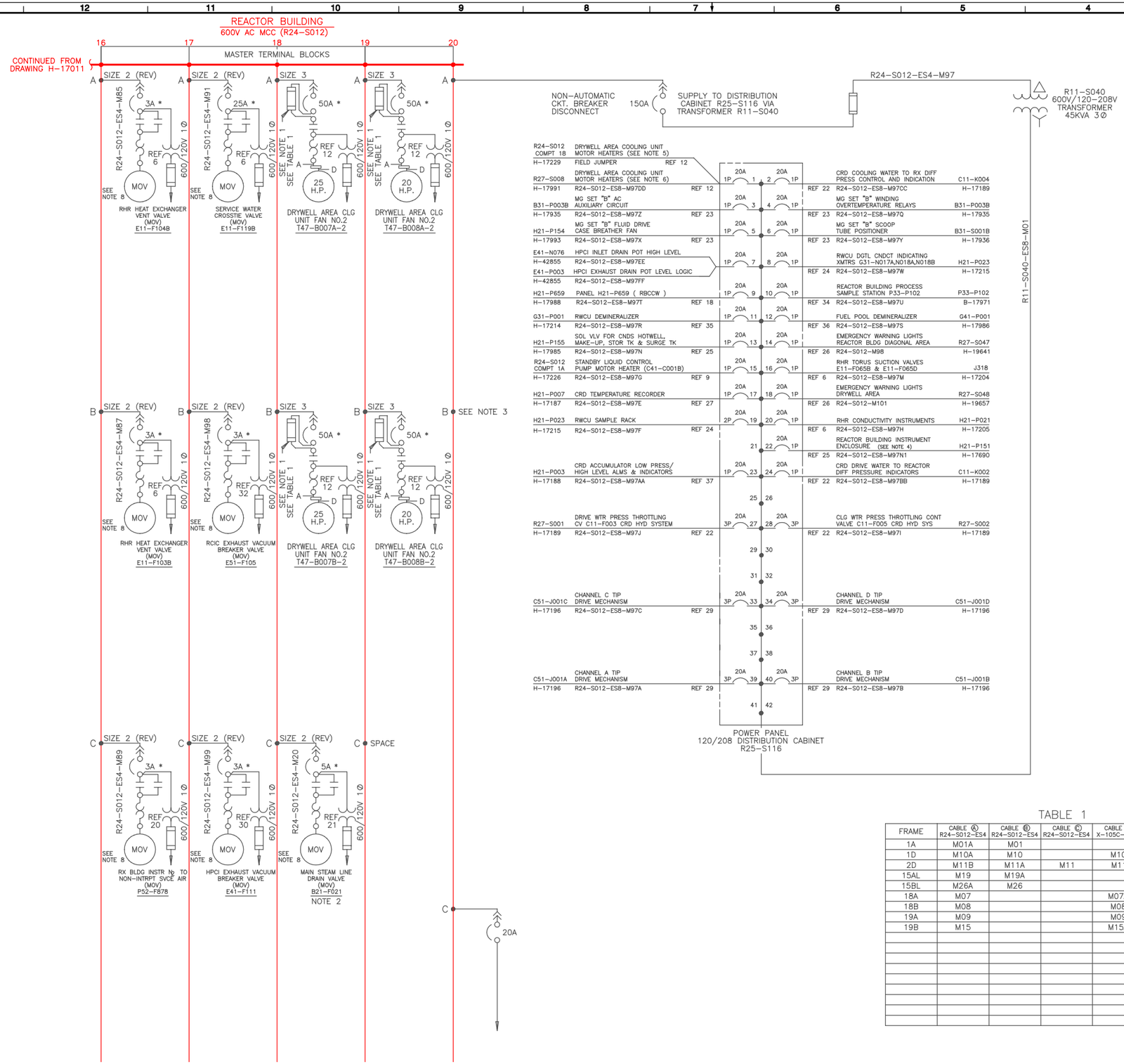
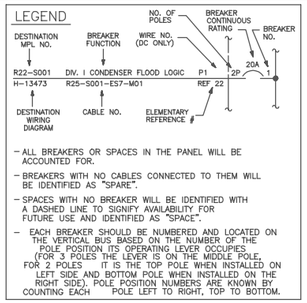
HL-17017



LEGEND



- ALL BREAKERS OR SPACES IN THE PANEL WILL BE ACCOUNTED FOR.
- BREAKERS WITH NO CABLES CONNECTED TO THEM WILL BE IDENTIFIED AS "SPARE".
- SPACES WITH NO BREAKER WILL BE IDENTIFIED WITH A DASHED LINE TO SIGNIFY AVAILABILITY FOR FUTURE USE AND IDENTIFIED AS "SPACE".
- EACH BREAKER SHOULD BE NUMBERED AND LOCATED ON THE VERTICAL BUS BASED ON THE NUMBER OF THE POLE POSITION ITS OPERATING LEVER OCCUPIES. (FOR 3 POLES THE LEVER IS ON THE MIDDLE POLE, FOR 2 POLES IT IS THE TOP POLE WHEN INSTALLED ON LEFT SIDE AND BOTTOM POLE WHEN INSTALLED ON THE RIGHT SIDE). POLE POSITION NUMBERS ARE KNOWN BY COUNTING EACH POLE LEFT TO RIGHT, TOP TO BOTTOM.

NOTES:

1. DELETED
2. ESSENTIAL MCC "1B" BREAKER 18C FEEDING THE MOTOR OPERATOR FOR VALVE B21-F021 IS LOCKED IN THE OPEN POSITION WHEN THE VALVE IS CLOSED,PREVENTING THE VALVE FROM BEING OPERATED ELECTRICALLY FOR HI-LOW PROTECTION PURPOSES.
3. DISTRIBUTION PANEL R25-S116 IS LOCATED IN FRAME 20B.
4. SYSTEMS T48,P42,H21,T47,G41,& C11 ARE AFFECTED BY POWER FROM BREAKER NO.22 ON R25-S116.
5. T47-B007A,B007B,B008A,B008B FAN #2.
6. T47-B009A,B009B FAN #2.
7. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
8. SEE MCC DATA SHEET B-17366 FOR MOTOR DATA.

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

REFERENCE DWGS:

FOR REFERENCE DRAWING LIST SEE DRAWING H-17011.

TABLE 1

FRAME	CABLE (A) R24-S012-ES4	CABLE (B) R24-S012-ES4	CABLE (C) R24-S012-ES4	CABLE (D) X-105C-ES4-	CABLE (E)
1A	M01A	M01			
1D	M10A	M10		M10	R27-S008-ES4-M10
2D	M11B	M11A	M11	M11	R27-S009-ES4-M11
15AL	M19	M19A			
15BL	M26A	M26			R24-S018-ES4-M04A
18A	M07			M07A	
18B	M08			M08	
19A	M09			M09	
19B	M15			M15A	

BOUNDARY DIAGRAM NO.:1R20-B01-19

FUNCTION(S) NO.: 1R20-01

PREPARED BY: MARK CRISLER
DATE: 4/6/98
REVIEWED BY: RENEE RITCHEY
DATE: 4/20/98

LICENSE RENEWAL DOCUMENT

MPL NO. R24 | ACAD14 | HL17017

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

Revision: A | Date: 11-17-99

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BY	CHK'D	APPL'D
ECB	GMC	ASK

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
SINGLE LINE DIAGRAM
REACTOR BUILDING
600V AC ESSENTIAL MCC "1B" SH. 2 OF 2

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-17017	A
DATE	SCALE None			