



- NOTES:**
- DELETED
 - INDICATES DRYWELL PENETRATIONS.
 - FRAMES 1 AND 4 OF 2R24-S018A AND 2R24-S018B DO NOT CONTAIN VERTICAL BUSES.
 - * CONTINUOUS RATING FOR MAGNETIC BREAKER WITH ADJUSTABLE INSTANTANEOUS TRIP RANGE.
 - DELETED
 - REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
 - SEE MCC DATA SHEET B-52122 FOR MOTOR DATA.
 - SEE MCC DATA SHEET B-27046 FOR MOTOR DATA.
 - UNITED CONTROLS INTERNATIONAL, INC. CUSTOM MODIFIED DOUBLE THROW MANUAL TRANSFER SWITCH (MPL #2R26-M107), RATED 600V AC, 200 AMPS, PADLOCKABLE IN THE OFF POSITION, WITH 6 NO & 6 NC AUXILIARY CONTACTS IN NEMA-4X, FLOOR MOUNTED ENCLOSURE SUITABLE FOR TERMINATION OF 3-1/2" - 250 MCM CABLES FOR LOAD AND LINE SIDE.
 - CONNECTING SAFETY RELATED DIV I, OR DIV II CIRCUIT (RIE339M02 OR RIE440M02) TO 1B DIESEL CIRCUIT (RHEB14M01, PASSING THROUGH 4160V BUS 1F, FRAME 12) HAS BEEN REVIEWED AND FOUND ACCEPTABLE. THE ACCEPTANCE OF THESE CIRCUITS IS BASED ON UNIT 1 FAILURE MODE AND EFFECT ANALYSIS (FMEA) PERFORMED UNDER REA 95-679; AND SAFER-GESTRE LOCA ANALYSIS PERFORMED BY G.E. USING THE RESULTS OF UNIT 2 FMEA.
 - WESTINGHOUSE TYPE DH, THREE POLE SAFETY SWITCH, RATED AT 600V AC, 200 AMPS, WITH FOUR, FACTORY INSTALLED 2 NO & 2 NC AUXILIARY CONTACTS. IN NEMA-4X WALL MOUNTED ENCLOSURE WITH FACILITY TO LOCK SWITCH IN THE OFF POSITION DURING MAINTENANCE. SAFETY SWITCH CATALOG NUMBER: DH364UWK3, FOR 2R26-M108, AND 2R26-M109.
 - WESTINGHOUSE TYPE DH, THREE POLE FUSIBLE SAFETY SWITCH, RATED AT 600V AC, 200 AMPS, WITH TWO FACTORY INSTALLED 1 NO & 1 NC AUXILIARY CONTACTS, BUSSMANN TYPE KAZ-2838 DEVICE, CLASS "R" FUSE CLIP KIT IN NEMA-4X WALL MOUNTED ENCLOSURE WITH FACILITY TO LOCK SWITCH IN THE OFF POSITION WITH PADLOCK. SAFETY SWITCH CATALOG NUMBER: DH364FWK-2, (MPL #2R26-M105 & 2R26-M106).
 - FUSES E11F325, E11F326 AND E11F327 ARE MOUNTED AND WIRED ON 2R24-S018A FR. 4A.
 - FUSES E11F331, E11F332 AND E11F333 ARE MOUNTED AND WIRED ON 2R24-S018B FR. 1A.

- REFERENCES:**
- B-27033 FRONT VIEW REACTOR BUILDING ESSENTIAL MCC 2E-A AND 2E-B
 - B-27046 MCC EQUIPMENT LIST REACTOR BUILDING ESSENTIAL MCC 2E-A AND 2E-B
 - S-30650 MCC LAYOUT REACTOR BUILDING ESSENTIAL MCC 2E-A
 - H-27201 EXTERNAL CONNECTION DIAGRAM REACTOR BUILDING ESSENTIAL MCC 2E-A
 - H-27202 EXTERNAL CONNECTION DIAGRAM REACTOR BUILDING ESSENTIAL MCC 2E-B
 - S-30651 MCC LAYOUT REACTOR BUILDING ESSENTIAL MCC 2E-B
 - H-27635, H-27648 & H-27650 ELEMENTARY DIAGRAM RHR SYSTEM 2E11
 - H-27495 & H-27497 ELEMENTARY DIAGRAM REACTOR RECIRCULATING PUMP AND MG SET "A" SYSTEM 2B31
 - H-27486 & H-27488 ELEMENTARY DIAGRAM REACTOR RECIRCULATING PUMP AND MG SET "A" SYSTEM 2B31
 - H-23870 ELEMENTARY DIAGRAM 600V EMERGENCY STATION SERVICE SYSTEM 2R20M
 - H-23871 ELEMENTARY DIAGRAM 600V EMERGENCY STATION SERVICE SYSTEM 2R20M
 - A-10125 LOAD LIST FOR MCC 2R24-S018A
 - A-10126 LOAD LIST FOR MCC 2R24-S018B
 - B-52122 MCC EQUIPMENT LIST REACTOR BUILDING 600V MCC 2E-B
 - H-23873 CONNECTION DIAGRAM FOR MISC. SWITCHES 2R26-M105, M106, M107, M108, M109.

BOUNDARY DIAGRAM NO.: 2R20-B01-20
FUNCTION(S) NO.: 2R20-01
PREPARED BY: Mark Crisler
DATE: 04/06/98
REVIEWED BY: Renee Ritchey
DATE: 04/28/98

LICENSE RENEWAL DOCUMENT
MPL NO. 2R24 ACAD14 HL27021

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
600V AC ESSENTIAL MCC 2E-A & MCC 2E-B
MPL 2R24-S018A & 2R24-S018B

BY	CHKD.	APPR.
BKN	GMC	ASK

DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-27021
DATE	SCALE	No Scale	A

Revision: A Date: 11-17-99
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