

19681-1H 600V BUS 1C 125V DC CONTROL FOR 600V SWGR. BRKRS.

FROM 125V DC DIST. PANEL 1A BRKR #18 IR25-5001 REF. H-13370 SHT. 1 TO FR'S 2 & 9 MAIN SUPPLY BRKRS.

FROM 125V DC DIST. PANEL 1A BRKR #20 IR25-5001 REF. H-13370 SHT. 1 TO FR'S. 3, 4, 5, 6, 7 & 8 FOR BRKRS AND UNDERVOLTAGE RELAYS

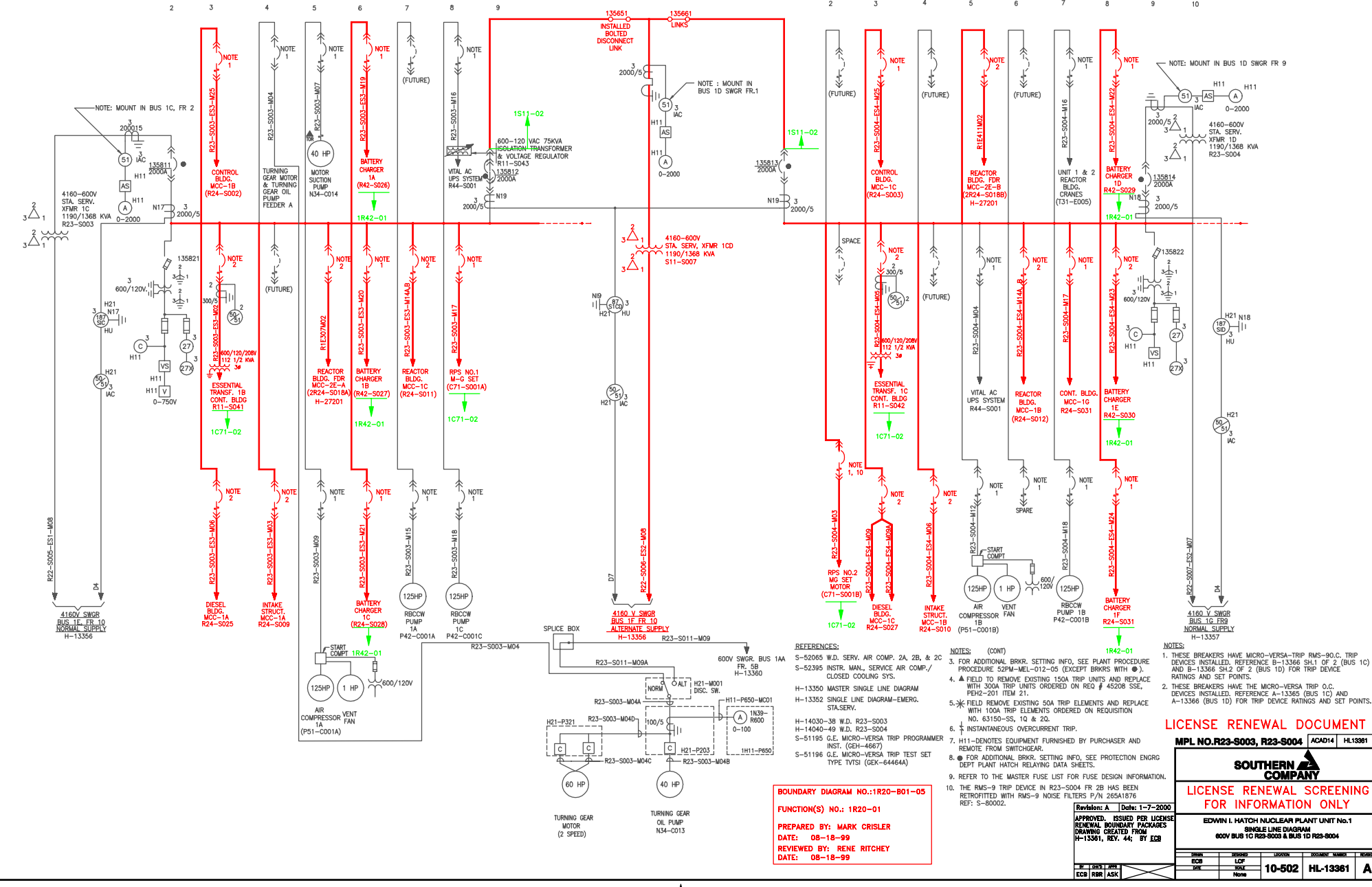
600V BUS 1C R23-5003

600V BUS 1D R23-5004

600V BUS 1D 125V DC CONTROL FOR 600V SWGR. BRKRS.

FROM 125V DC DIST. PANEL 1B BRKR. #19 IR25-5002 REF. H-13370 SHT.2 TO FR'S. 1 & 9 MAIN SUPPLY BRKERS

FROM 125V DC DIST. PANEL 1B BRKR. #21 IR25-5002 REF. H-13370 SHT.2 TO FR'S. 2, 3, 4, 5, 6, 7 & 8 FOR BRKRS AND UNDERVOLTAGE RELAYS



BOUNDARY DIAGRAM NO.: 1R20-B01-05

FUNCTION(S) NO.: 1R20-01

PREPARED BY: MARK CRISLER
 DATE: 08-18-99

REVIEWED BY: RENE RITCHEY
 DATE: 08-18-99

- REFERENCES:**
- S-52065 W.D. SERV. AIR COMP. 2A, 2B, & 2C
 - S-52395 INSTR. MAN., SERVICE AIR COMP./CLOSED COOLING SYS.
 - H-13360 MASTER SINGLE LINE DIAGRAM
 - H-13362 SINGLE LINE DIAGRAM-EMERG. STA.SERV.
 - H-14030-38 W.D. R23-5003
 - H-14040-49 W.D. R23-5004
 - S-61195 G.E. MICRO-VERSA TRIP PROGRAMMER INST. (GEH-4667)
 - S-51196 G.E. MICRO-VERSA TRIP TEST SET TYPE TVTS (GEK-64464A)

- NOTES: (CONT)**
- FOR ADDITIONAL BRKR. SETTING INFO, SEE PLANT PROCEDURE PROCEDURE 52PM-MEL-012-05 (EXCEPT BRKRS WITH ●).
 - FIELD TO REMOVE EXISTING 150A TRIP UNITS AND REPLACE WITH 300A TRIP UNITS ORDERED ON REQ # 45208 SSE, PEH2-201 ITEM 21.
 - FIELD REMOVE EXISTING 50A TRIP ELEMENTS AND REPLACE WITH 100A TRIP ELEMENTS ORDERED ON REQUISITION
 - INSTANTANEOUS OVERCURRENT TRIP.
 - H11-DENOTES EQUIPMENT FURNISHED BY PURCHASER AND REMOTE FROM SWITCHGEAR.
 - FOR ADDITIONAL BRKR. SETTING INFO, SEE PROTECTION ENGRG DEPT PLANT HATCH RELAYING DATA SHEETS.
 - REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
 - THE RMS-9 TRIP DEVICE IN R23-5004 FR 2B HAS BEEN RETROFITTED WITH RMS-9 NOISE FILTERS P/N 255A1876 REF: S-80002.

LICENSE RENEWAL DOCUMENT

MPL NO. R23-5003, R23-5004 ACAD14 HL13361



LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
 SINGLE LINE DIAGRAM
 600V BUS 1C R23-5003 & BUS 1D R23-5004

DATE	REVISION	LOCATION	REVISION NUMBER	REASON
10-502	HL-13361		A	

Revised: A Date: 1-7-2000
 APPROVED, ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES DRAWING CREATED FROM H-13361, REV. 44; BY EGB