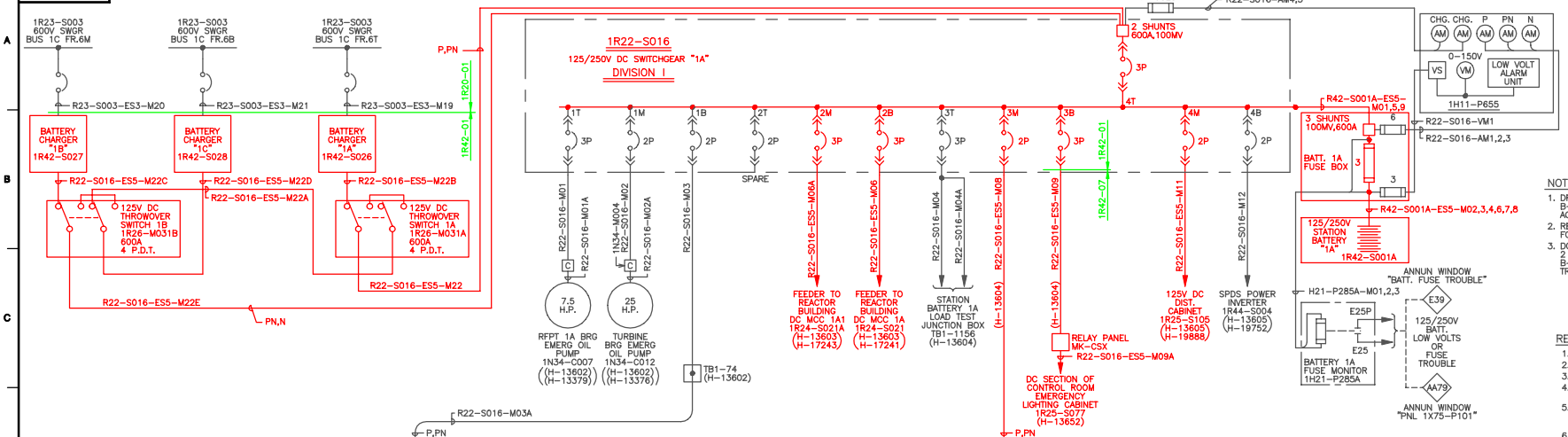
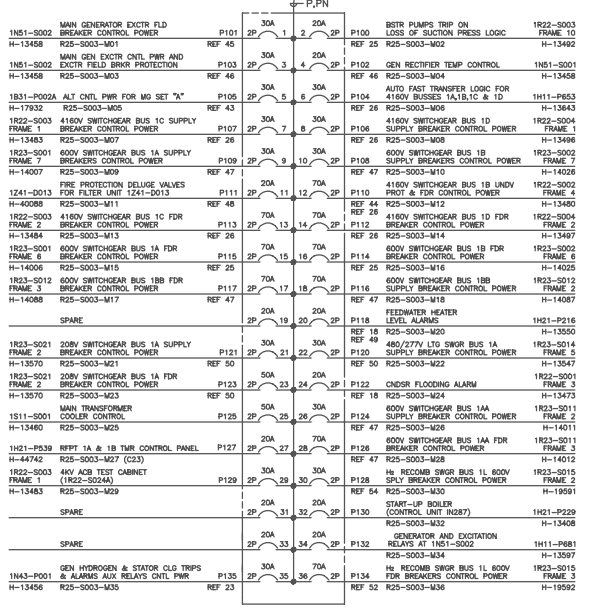
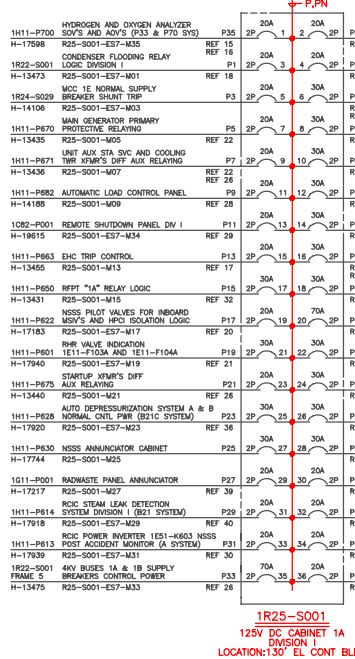
HL-13370







LEGEND

DESTINATION MPL NO. — BREAKER FUNCTION — WIRE NO. (DC ONLY) — NO. OF POLES — BREAKER CONTINUOUS RATING — BREAKER NO.

R22-S001 — DIV. I CONDENSER FLOOD LOGIC — P1 — 20A — 2P

H-13473 — R25-S001-E57-M01 — REF 22

DESTINATION WIRING DIAGRAM — CABLE NO. — ELEMENTARY REFERENCE

- 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".
- ALL 2 POLE DC BREAKERS WILL BE COUNTED AS ONE POSITION FOR BREAKER NUMBERING PURPOSES.

NOTES:

1. DRAWINGS B-11984,B-11834 AND B-11832 WILL BE ISSUED WHEN ABN'S AGAINST DCR 84-11 ARE ISSUED.
2. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
3. DC SWITCHGEAR BREAKERS HAVE EITHER EC-1, 2 OR 2A TRIP DEVICES INSTALLED. REFERENCE B-43793, B-43981, A-13367 OR A-13368 FOR TRIP DEVICE RATING AND SETPOINTS.

REFERENCES:

1. A-10170 — LOAD LIST FOR 1R25-S001
2. A-10171 — LOAD LIST FOR 1R25-S002
3. A-10172 — LOAD LIST FOR 1R25-S003
4. H-13361 — SINGLE LINE DIAGRAM 600V BUS 1C AND 1D
5. H-13370 SHEET 2 — SINGLE LINE DIAGRAM 125/250V DC STATION SERVICE DIVISION-II 1R22-S017
6. H-13602 — WIRING DIAGRAM 250/125V DC SWGR BUS 1A FR.1 1R22-S016
7. H-13603 — WIRING DIAGRAM 250/125V DC SWGR BUS 1A FR.2 1R22-S016
8. H-13604 — WIRING DIAGRAM 250/125V DC SWGR BUS 1A FR.3 1R22-S016
9. H-13605 — WIRING DIAGRAM 250/125V DC SWGR BUS 1A FR.4 1R22-S016
10. B-11984, B-11834& B-11832 — LOGIC DIAGRAMS FIRE PROTECTION SYSTEM SHEET 1 (SEE NOTE 1)
11. H-13606 — WIRING DIAGRAM 250/125V DC SWGR BUS 1B FR.1 1R22-S017
12. H-13607 — WIRING DIAGRAM 250/125V DC SWGR BUS 1B FR.2 1R22-S017
13. H-13608 — WIRING DIAGRAM 250/125V DC SWGR BUS 1B FR.3 1R22-S017
14. H-13609 — WIRING DIAGRAM 250/125V DC SWGR BUS 1B FR.4 1R22-S017
15. H-17138- H-17140& H-19678- H-19681 — ELEMENTARY DIAGRAM HYDROGEN AND OXYGEN ANALYZER SYSTEM P33B
16. H-17143- H-17144 — ELEMENTARY DIAGRAM DRYWELL PNEUMATIC SYSTEM P70
17. H-13378 — ELEMENTARY DIAGRAM TURBINE EHC SYSTEM
18. H-13557 — ELEMENTARY DIAGRAM CIRCULATING WATER AND CONDENSER EQUIPMENT AND AUXILIARIES
19. SX-15204 — ELEMENTARY/WIRING DIAGRAM HEAT DETECTION WATER SPRAY PANEL
20. H-17157- H-17158 — ELEMENTARY DIAGRAM HPCI E41 SYSTEM
21. H-17760- H-17782 — ELEMENTARY DIAGRAM RHR E11 SYSTEM
22. H-13381 — ELEMENTARY DIAGRAM GENERATOR DIFFERENTIAL RELAYING
23. H-13375 — ELEMENTARY DIAGRAM GENERATOR AUXILIARY EQUIPMENT
24. H-17783- H-17798 — ELEMENTARY DIAGRAM REACTOR PROTECTION SYSTEM C71
25. H-13380 — ELEMENTARY DIAGRAM MISCELLANEOUS STATION SERVICE EQUIPMENT
26. H-13382 — ELEMENTARY DIAGRAM 4160V STATION SERVICE SUPPLY ACB'S
27. H-17800 — ELEMENTARY DIAGRAM TRAVERSING IN CORE PROBE C51 SYSTEM
28. S-50689 — INSTRUCTION MANUAL-DIGITAL TELEMETERING AND CONTROL SYSTEM
29. H-19611- H-19614 — ELEMENTARY DIAGRAM REMOTE SHUTDOWN SYSTEM C82

REFERENCES CONTINUED ON DRAWING H-13370 SHEET 2 OF 2

LICENSE RENEWAL DOCUMENT

MPL NO. 1R22, 1R25 — ACAD14 HL1337001

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

BOUNDARY DIAGRAM NO.:1R42-B01-01

FUNCTION(S) NO.: 1R42-01, 1R42-07

PREPARED BY: Mark Crisler
DATE: 04/20/98
REVIEWED BY: Renee Ritchey
DATE: 04/28/98

Revision: A — Date: 11-17-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-13370, SHEET 1, REV. 52; BY BKN.

BY: BKN — CHK'D: RBR — APPR'D: ASK

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
SINGLE LINE DIAGRAM -- 125/250V DC STATION SERVICE DIVISION I 1R22-S016
MPL'S 1R25-S001 AND 1R25-S003

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-13370 SHEET 1 OF 2	A
DATE	SCALE: None			