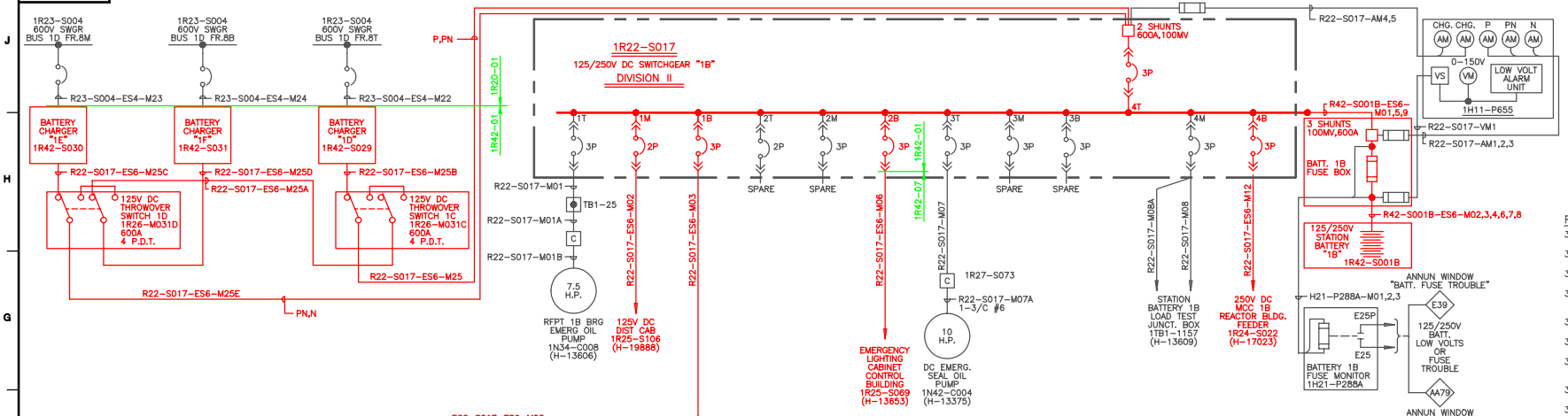
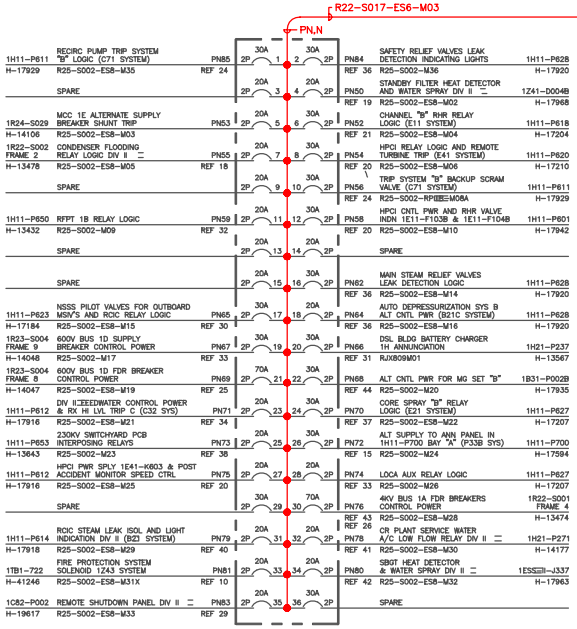
HL-13370 SH.2





LEGEND

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

R22-S001 H-13473 — DIV. I CONDENSER FLOOD LOGIC — R25-S001-ES7-M01 — P1 — 2P — 20A — 1 — 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.

FOR NOTES AND ADDITIONAL REFERENCES SEE DRAWING H-13370 SHEET 1 OF 2

REFERENCES:

30. H-17147–H-17153 ELEMENTARY DIAGRAM RCIC E51 SYSTEM
31. H-23779 ELEMENTARY DIAGRAM DIESEL GENERATOR 2B 2R42B SYSTEM
32. H-13379 ELEMENTARY DIAGRAM RFPT 1A AND 1B N21 SYSTEM
33. H-13589 ELEMENTARY DIAGRAM EMERGENCY STATION SERVICE MISCELLANEOUS
34. H-17842–H-17845 ELEMENTARY DIAGRAM FEEDWATER CONTROL SYSTEM C32
35. H-17822 ELEMENTARY DIAGRAM RPS C71 SYSTEM
36. H-17753–H-17755& H-19606 ELEMENTARY DIAGRAM ADS B21C SYSTEM
37. H-17108–H-17112 ELEMENTARY DIAGRAM CORE SPRAY E21 SYSTEM
38. H-13953–H-13959 ELEMENTARY DIAGRAM PCB S22 SYSTEM
39. H-19501–H-19543 ELEMENTARY DIAGRAM RADWASTE G11 SYSTEM
40. H-17746–H-17749 ELEMENTARY DIAGRAM STEAM LEAK DETECTION SYSTEM B21
41. H-13388 ELEMENTARY DIAGRAM PLANT SERVICE WATER MOV'S
42. H-17104–H-17105 ELEMENTARY DIAGRAM STANDBY GAS TREATMENT SYSTEM T46
43. H-17860–H-17868 ELEMENTARY DIAGRAM REACTOR RECIRCULATING PUMP AND MG SET "A" B31 SYSTEM
44. H-17902–H-17910 ELEMENTARY DIAGRAM REACTOR RECIRCULATING PUMP AND MG SET "B" B31 SYSTEM
45. H-13375, H-14009& H-14018 ELEMENTARY DIAGRAM GENERATOR AUXILIARY EQUIPMENT
46. H-13374 ELEMENTARY DIAGRAM ALTERREX EXCITATION N51 SYSTEM
47. H-13385 ELEMENTARY DIAGRAM 600V STATION SERVICE SUPPLY ACB'S
48. H-40075–H-40082 ELEMENTARY DIAGRAM HEALTH PHYSICS HVAC SYSTEM Z41
49. H-13376& H-13377 ELEMENTARY DIAGRAM TURBINE AUXILIARY EQUIPMENT
50. H-13384 ELEMENTARY DIAGRAM 600V AND 208V STATION SERVICE
51. H-14198 ELEMENTARY DIAGRAM FIRE PROTECTION TURBINE AND CONTROL BUILDING
52. H-17063–H-17065 ELEMENTARY DIAGRAM OFFGAS SUPPORT SYSTEM N62
53. H-14190 ELEMENTARY AND WIRING DIAGRAM FIRE PROTECTION LOW VOLTAGE SWITCHGEAR
54. H-19597 ELEMENTARY DIAGRAM RECOMBINER BUILDING 600V SWITCHGEAR CONTROL PANELS 1H21-P236 AND 1H21-P237
55. H-19659 125/250V DC STATION BATTERY SYSTEM R42A, ELEMENTARY DIAGRAM

BOUNDARY DIAGRAM NO.:1R42-B01-02

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: 11-18-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-13370, SHEET 2, REV. 16 BY BKN.

BY	DWN	APPL
BKN	RBR	ASK

LICENSE RENEWAL DOCUMENT

MPL No. 1R22, 1R25 | ACAD14 | HL1337002

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
SINGLE LINE DIAGRAM
125/250V DC STATION SERVICE
DIVISION II 1R22-S017, MPL 1R25-S002

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