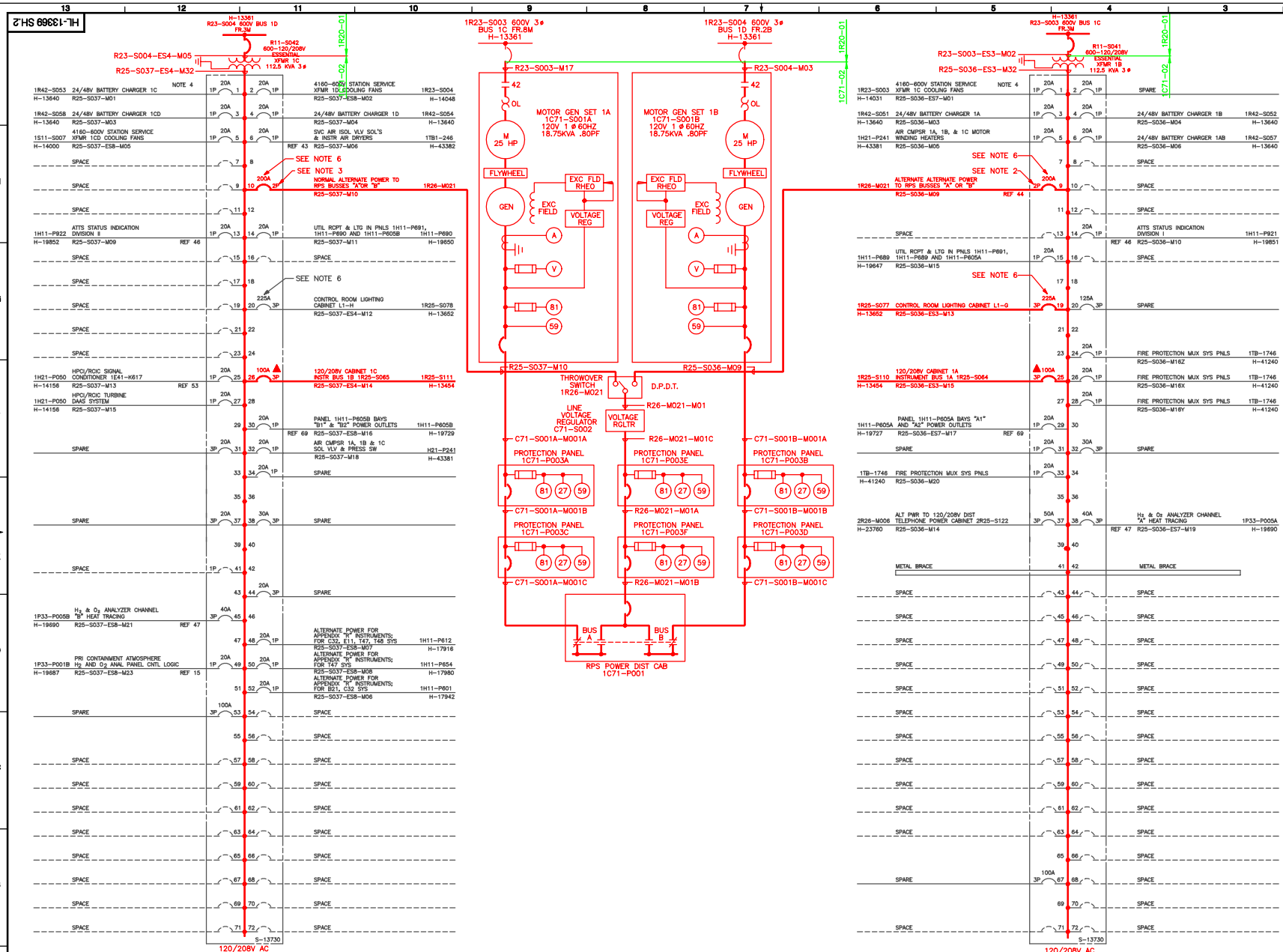
HL-13369 SH.2



BOUNDARY DIAGRAM NO.:1C71-B02-02

FUNCTION(S) NO.: 1C71-02

PREPARED BY: MARK CRISLER

DATE: 4/28/98

REVIEWED BY: RENEE RITCHEY

DATE: 5/18/98

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 — 20A — 3P — 1

H-13473 — R25-S001-ES7-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".
- 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.

FOR NOTES AND ADDITIONAL REFERENCES SEE DRAWING H-13369 SHEET 1

REFERENCES CONTINUED:

40. H-17176 ELEM DIAG–REACTOR WATER CLEAN–UP G31 SH 1
41. H-19561 ELEM DIAG–PROCESS RAD MON SYS D11 SH 11 OF 19 SUPERSEDES H-17853
42. H-17867 ELEM DIAG–REACTOR RECIRC PMP & MG SET A SYS B31 SH 8
43. H-13380 ELEMENTARY DIAGRAM–MISC STATION SERVICE EQUIPMENT
44. H-17155 ELEMENTARY DIAGRAM–REACTOR PROTECTION SYSTEM MG SET CONTROL C71 SHEET 1 OF 3
45. H-17439 ELEMENTARY DIAGRAM–REACTOR PROTECTION SYSTEM MG SET CONTROL C71 SHEET 3 OF 3
46. H-19801– H-19835 ELEMENTARY DIAGRAM– ATTS SYSTEM A70
47. H-19681 ELEMENTARY DIAGRAM–HYDROGEN AND OXYGEN ANALYZER SYSTEM P33B SHEET 7 OF 7
48. H-13353 THREE LINE DIAGRAM–EMERGENCY STATION SERVICE
49. SX-19190 ELEMENTARY DIAGRAM– PRIMARY CONTAINMENT ATMOSPHERE HYDROGEN AND OXYGEN ANALYZER SYSTEM
50. H-13454 WIRING DIAGRAM–ESSENTIAL AND INSTRUMENT 120/208V CABINET 1R25–S036,1R25–S037, 1R25–S064 AND 1R25–S065
51. A-13025 ESSENTIAL CABINET 1A– 120/208V AC 1R25–S036
52. A-13026 ESSENTIAL CABINET 1B– 120/208V AC 1R25–S037
53. H-14216 ELEMENTARY DIAGRAM–HIGH PRESSURE COOLANT INJECTION SYSTEM E41
54. H-17869 ELEMENTARY DIAGRAM– REACTOR RECIRCULATING PUMP MG SET "A" SYSTEM B31
55. H-17088 ELEMENTARY DIAGRAM– REACTOR BUILDING CLOSED COOLING WATER SYSTEM P42
56. H-19611 ELEMENTARY DIAGRAM– REMOTE SHUTDOWN SYSTEM C82
57. H-19552 ELEMENTARY DIAGRAM– PROCESS RADIATION MONITORING SYSTEM D21
58. H-17128 ELEMENTARY DIAGRAM– OFF GAS SYSTEM N62
59. H-17864 ELEMENTARY DIAGRAM– REACTOR RECIRCULATING PUMP AND MG SET "A" SYSTEM B31
60. H-19662 ELEMENTARY DIAGRAM– PROCESS RADIATION MONITORING SYSTEM D11
61. H-17059 ELEMENTARY DIAGRAM– TURBINE BUILDING VENTILATION SYSTEM U41
62. H-17870 ELEMENTARY DIAGRAM– REACTOR RECIRCULATING PUMP AND MG SET "B" SYSTEM B31
63. H-17679 ELEMENTARY DIAGRAM– HYDROGEN AND OXYGEN ANALYZER SYSTEM P33
64. A-10202 LOAD LIST FOR DISTRIBUTION PANEL 1R25–S036
65. A-10203 LOAD LIST FOR DISTRIBUTION PANEL 1R25–S037
66. A-10228 LOAD LIST FOR DISTRIBUTION PANEL 1R25–S064
67. A-10229 LOAD LIST FOR DISTRIBUTION PANEL 1R25–S065
68. H-13579 ELEMENTARY DIAGRAM– MISCELLANEOUS PUMPS, VALVES AND EQUIPMENT
69. H-19660 ELEMENTARY DIAGRAM–PRIMARY CONTAINMENT PURGE AND INERTING SYSTEM T48B AND ERF/SPDS ANALOG SYSTEM X75C
70. H-23325 ELEMENTARY DIAGRAM– OSOS OFFICE & KITCHEN HVAC (P41 & Z41 SYSTEMS)

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MPL NO.1R25 | ACAD14 | HL1336902

SOUTHERN COMPANY

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Revision: A | Date: 11-11-99

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BY	CHK'D	APPR'D
TRM	GMC	ASK

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
SINGLE LINE DIAGRAM
120/208V ESSENTIAL A.C. SYSTEM
MPL'S 1R25–S036 AND 1R25–S037

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-13369 Sheet 2 of 2	A
DATE	SCALE None			