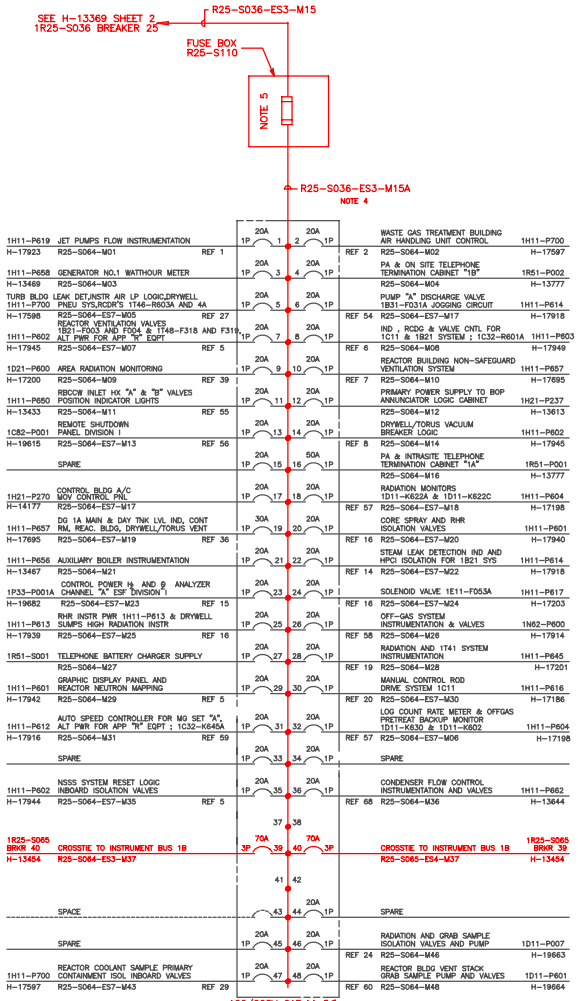
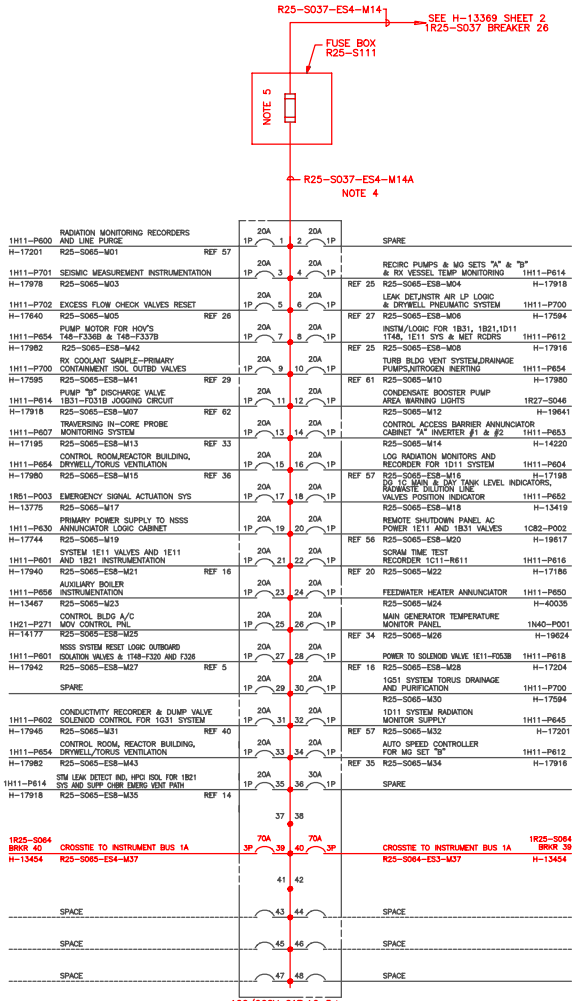
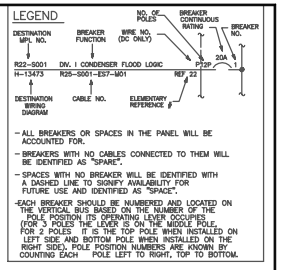
HL-13369 Sh. 1







REFERENCES:

1. H-17180 ELEM DIAG–JET PUMP INST SYS B21 SH 1
2. H-19568– H-19570 ELEMENTARY DIAGRAM–WASTE GAS TREATMENT BUILDING CHILLED WATER AND A/C SYSTEM N62
3. H-17092 ELEM DIAG–MISC AIR INSTR SERV SYS P51 & P52
4. H-17805 ELEM DIAG–PRI CONTAINMENT ISOL SYS C61 SH 5 OF 6
5. H-17809 ELEM DIAG–NUCLEAR STEAM SPLY SHUTOFF SYS A71 SH 4
6. H-17113 ELEM DIAG–CONTROL ROD DRIVE HYD INSTR SYS C11 SH 1
7. H-17052– H-17057 ELEMENTARY DIAGRAM–REACTOR BUILDING VENT SYSTEM T41
8. H-17081 ELEM DIAG–PRI CONTAINMENT PURGE & INERTING SYS T48 SH 2
9. H-17878 ELEM DIAG–MCC'S R24–S018A & B NORMAL & ALTERNATE FEEDER SYS R20M & R44 SH 4 OF 4
10. H-19522 ELEM DIAG–PROCESS RADIATION MONITORING SYS D11 SH 2
11. H-17047 ELEM DIAG–DRYWELL COOLING SYS T47 SH 1
12. H-17053 ELEM DIAG–REAC BLDG VENT SYS T41 SH 2
13. H-17110 ELEM DIAG–CORE SPRAY SYS E21 SH 3
14. H-17746 ELEM DIAG–STEAM LEAK DET SYS B21 SH 1 OF 4
15. H-19678– H-19679 ELEM DIAG–HYDROGEN & OXYGEN ANALYZER SYSTEM P33B
16. H-17771 ELEM DIAG–RESIDUAL HEAT REMOVAL SYS E11 SH 12
17. H-17763 ELEM DIAG–RESIDUAL HEAT REMOVAL SYS E11 SH 4 OF 23
18. H-17800 ELEM DIAG–TRAVERSING IN–CORE PROBE CALIB SYS C51 SH 3 OF 3
19. H-19596 ELEM DIAG–PROCESS RADIATION MONITORING SYS D11 SH 19
20. H-17826 ELEM DIAG–REACTOR MANUAL CONTROL SYS C11 SH 4
21. H-17863 ELEM DIAG–REACTOR RECIRC PMP & MG SET A SYS B31 SH 4
22. H-19572 ELEM DIAG–REMOTE SHUTDOWN SYS SH 1
23. H-14790 ELEM DIAG–CONDENSER FLOW CONTROL
24. H-19661 ELEM DIAG–POST ACCIDENT RADITION MON & ERF/SPDS ANALOG SYS D11,X75C SH 20
25. H-17752 ELEM DIAG–NUCLEAR BOILER PROCESS INSTR SYS B21
26. H-17095 ELEM DIAG–EXCESS FLOW CHECK VALVES
27. H-17143– H-17144 ELEMENTARY DIAGRAM–DRYWELL PNUEMATIC SYSTEM P70
28. H-17073 ELEM DIAG–CONT BLDG CONT RM & CABLE SPREADING RM AIR COND SYS SYS Z41 SH 6
29. H-19671 ELEM DIAG–POST ACCIDENT SAMPLING SYS P33D SH 2 OF 2
30. H-17080 ELEM DIAG–LEAK DETECTION SYS INST & DRAINAGE SUMPS T45
31. H-17092 ELEM DIAG–MISC AIR INSTR SERV SYS P51 & P52
32. H-17039 ELEM DIAG–TURBINE BLDG VENT SYS U41 SH 1
33. H-17756 ELEM DIAG–TRAVERSING IN–CORE PROBE CALIB SYS C51 SH 1 OF 3
34. H-23891 ELEM DIAG–MAIN GEN TEMP MON SYS N41 & 2N41 SH 2
35. H-17906 ELEM DIAG–REAC RECIRC PUMPS & MG SET B SYS B31 SH 5
36. H-17046 ELEM DIAG–CONTAINMENT ATMOSPHERIC DILUTION SYS T48
37. H-19613 ELEM DIAG–REMOTE SHUTDOWN SYS C82 SH 6
38. H-17097 ELEM DIAG–CORE SPRAY & RESIDUAL HEAT REMOVAL JOCKEY PUMP SYS E21
39. H-17854 ELEMENTARY DIAGRAM–AREA RADIATION MONITORING SYS D21

REFERENCES CONTINUED ON H-13369 SHEET 2

NOTES:

1. ⚠ REPLACED 100 AMP MOLDED CASE CIRCUIT BREAKER WITH 100 AMP MOLDED CASE SWITCH (NON–AUTOMATIC BREAKER).
2. WIRE CONNECTED TO TOP POLE OF BREAKER ONLY,BREAKER TAKES UP THREE SPACES.
3. WIRE CONNECTED TO BOTTOM POLE OF BREAKER ONLY,BREAKER TAKES UP THREE SPACES.
4. SEE DISTRIBUTION PANEL WIRE DIAGRAM FOR LOCATION OF FEEDER CABLE ENTRY.
5. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
6. INSTANTANEOUS TRIP SET AT LOW POSITION FOR TYPE FJ 200–225 AMP BREAKERS.

BOUNDARY DIAGRAM NO.:1C71–B02–01

FUNCTION(S) NO.: 1C71–02

PREPARED BY: Mark Crisler
DATE: 04–28–98
REVIEWED BY: Renee Ritchey
DATE: 05–18–98

Revision: A | Date: 11–12–99

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BY	CHK'D	APPR'D
ECB	GMC	ASK

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MPL NO. 1R25 | ACAD14 | HL1336901

SOUTHERN COMPANY

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EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
SINGLE LINE DIAGRAM
120/208V ESSENTIAL A.C. SYSTEM
MPL'S 1R25–S064 AND 1R25–S065

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-13369	A
DATE	SCALE: None		SHEET 1 OF 2	