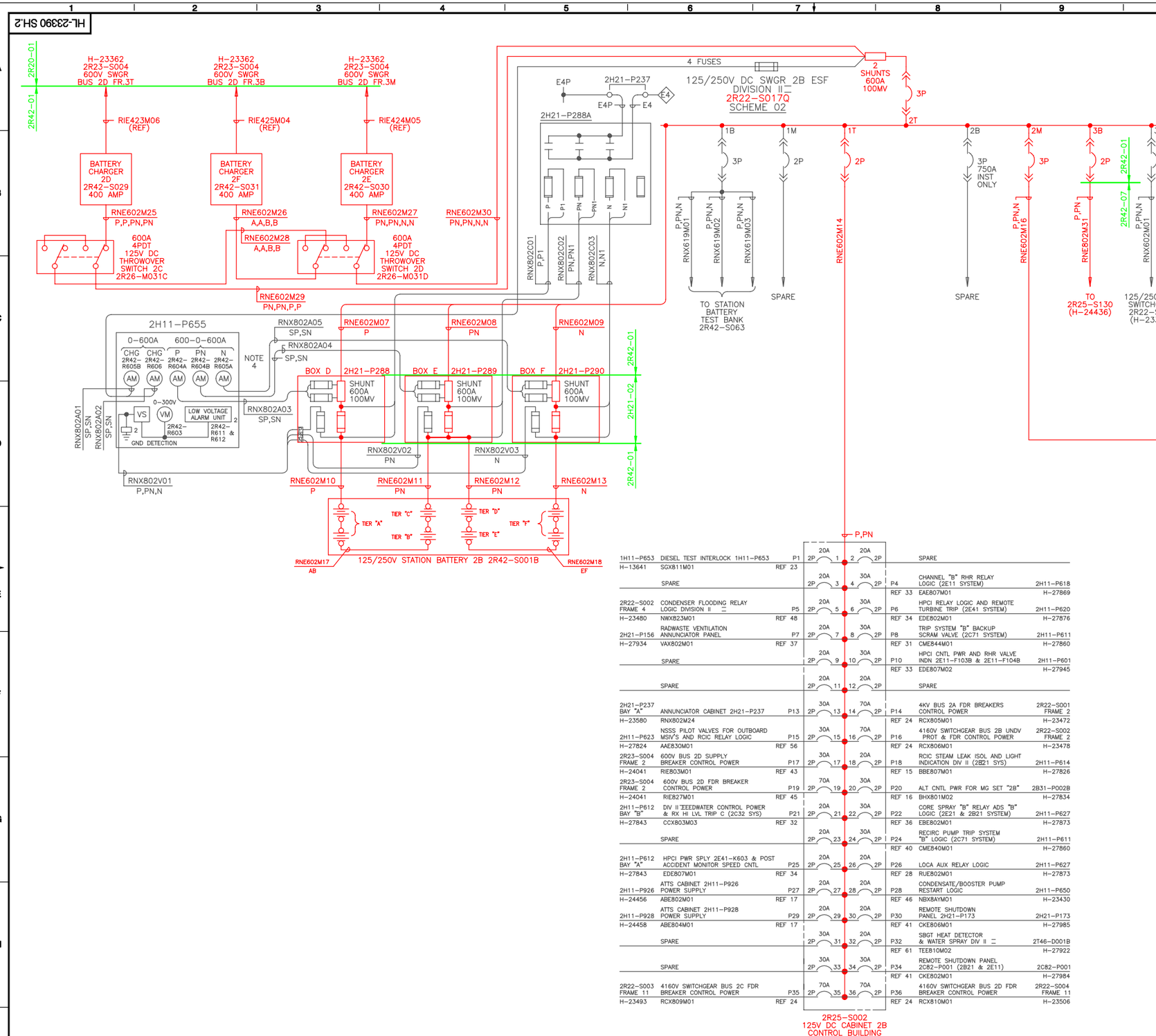

LEGEND

DESTINATION MPL NO. — R22-S001 / H-13473 — DESTINATION WIRING DIAGRAM
BREAKER FUNCTION — DIV. I CONDENSER FLOOD LOGIC — R25-S001-ES7-M01 — CABLE NO.
WIRE NO. (DC ONLY) — P1 — REF 22 — ELEMENTARY REFERENCE #
NO. OF POLES — 2P
BREAKER CONTINUOUS RATING — 20A
BREAKER NO. — 1

- 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 TWO POLE D C BREAKERS WILL BE COUNTED AS 1 POSITION FOR BREAKER NUMBERING PURPOSES

FOR NOTES AND ADDITIONAL REFERENCES SEE DRAWING H-23390 SHEET 1

REFERENCES CONTINUED:

33. H-27635–H-27657 ELEM DIAG RHR SYSTEM 2E11
34. H-27664–H-27672 ELEM DIAG HPCI SYSTEM 2E41
35. H-27681–H-27720 ELEM DIAG RADWASTE SYSTEM 2G11A
36. H-27658–H-27663 ELEM DIAG CORE SPRAY SYSTEM 2E21A
37. H-27794–H-27795 ELEM DIAG RADWASTE BUILDING VENTILATION SYS 2V41
38. H-27802–H-27804 ELEM DIAG TURBINE BUILDING CHILLED WATER SYS 2P63
39. H-27811–H-27822 ELEM DIAG OFFGAS SYSTEM 2N62A
40. H-27850 ELEM DIAG RPS SYSTEM 2C71
41. H-27970–H-27980 ELEM DIAG REMOTE SHUTDOWN SYS 2C82
42. H-27750–H-27751 ELEM DIAG REACTOR BUILDING CCW SYS 2P42
43. H-23668–H-23670 ELEM DIAG EMERGENCY STATION SYSTEM 2R20M
44. H-23666–H-23667 ELEM DIAG CONTROL AND ANNUNCIATOR MAIN POWER XFMR AND AUXILIARY XFMR 2A,2B,2C AND 2D SYS 2S11
45. H-23668–H-23670 ELEM DIAG EMER STATION SERVICE SYS 2R20M
46. H-23671–H-23677 ELEM DIAG MISC STATION SERV EQUIPMENT SYS 2N21
47. H-23678–H-23680 ELEM DIAG SERVICE AIR SYSTEM 2P51
48. H-23682–H-23686 ELEM DIAG CIRC WATER AND CONDENSER EQUIPMENT AND AUXILIARY SYSTEM 2N71
49. H-23692 ELEM DIAG MAIN AND RFP TURBINE DRAINS SYS 2N22
50. H-23661 ELEM DIAG REACTOR FEED PUMP TURBINE SYS 2N21
51. H-23823–H-23825 ELEM DIAG ALTERREX EXCIATION SYS 2N51
52. H-23613 ELEM DIAG UNIT AUXILIARY TRANSFORMER 2A & 2B FAULT PRESSURE SYS 2S32A
53. H-23614 ELEM DIAG START UP XFMR 2C AND 2D FAULT PRESSURE SYSTEM 2R20K
54. H-23665 ELEM DIAG START–UP XFMR 2C AND 2D
55. H-27593–H-27595 ELEM DIAG TRAVERSING INCORE PROBE CALIB SYSTEM 2C51D
56. H-27673–H-27680 ELEM DIAG RCIC SYSTEM 2E51
57. H-23374–H-23377 ELEM DIAG TURBINE EH CONTROL SYSTEM 2N32
58. H-27481–H-27482 ELEM DIAG REACTOR RECIRC PUMP AND MG SET "A" SYS 2B31
59. SX-28943 VENDOR MANUAL FOR 2H11-P630
60. H-27470–H-27473 ELEM DIAG ADS SYSTEM 2B21C
61. H-27767–H-27769 ELEM DIAG STANDBY GAS TREATMENT SYSTEM 2T46
62. H-27744 ELEM DIAG DRYWELL PNEUMATIC SYSTEM 2P70
63. H-27738 ELEM DIAG FUEL POOL/ DEMINERALIZER SYSTEM 2G41B
64. H-23885 ELEM DIAG CONTROL BUILDING FIRE PROTECTION SYSTEM 2Z43
65. SX-26151 WIRING DIAG POWER & CONTROL PANEL WIRING 2H21-P237
66. H-23618–H-23620 ELEM DIAG CONDENSATE POLISHING SYSTEM 2N21
67. H-23821 ELEM DIAG GENERATOR AUX EQUIPMENT SYSTEM 2N43
68. H-23593 WIRING DIAGRAM 125V DC DISTRIBUTION CABINETS 2R25-S001,2R25-S002 AND 2R25-S003
69. A-20150 LOAD LIST FOR DISTRIBUTION PANEL 2R25-S001
70. A-20151 LOAD LIST FOR DISTRIBUTION PANEL 2R25-S002
71. A-20152 LOAD LIST FOR DISTRIBUTION PANEL 2R25-S003
72. B-51625 SH. 1 & 2 EC TRIP DEVICE SET POINTS (2R22-S016 & S017)
73. H-52047 ELEM. DIAG. RFPT PROXIMITORS SYS. 2N32 SH. 1 OF 2.

BOUNDARY DIAGRAM NO.:2R42-B01-02
FUNCTION(S) NO.: 2R42-01, 2R42-07
PREPARED BY: Mark Crisler
DATE: 04/16/98
REVIEWED BY: Renee Ritchey
DATE: 04/28/98

LICENSE RENEWAL DOCUMENT

MPL NO. 2R42,2R22,2R23,2R25 | ACAD14 | HL2339002

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

Revision: A | Date: 11-17-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-23390, SHEET 2, REV. 13 BY BKN.

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
SINGLE LINE DIAGRAM
125/250V DC STATION SERVICE
DIVISION II 2R42A – MPL 2R25-S002

BY	CHK'D	APPR.1	DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	RBR	ASK	BKN	LCF	10-502	HL-23390 SHEET 2 of 2	A
			DATE	SCALE No Scale			