



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

- REFERENCES:**
- 30. H-17147 - ELEMENTARY DIAGRAM RCIC E31 SYSTEM
  - 31. H-23779 - ELEMENTARY DIAGRAM DIESEL GENERATOR 2B 2R42B SYSTEM
  - 32. H-13379 - ELEMENTARY DIAGRAM SERVICE WATER 1A AND 1B N21 SYSTEM
  - 33. H-13589 - ELEMENTARY DIAGRAM STATION SERVICE MISCELLANEOUS
  - 34. H-17842 - ELEMENTARY DIAGRAM FEEDWATER CONTROL SYSTEM CS2
  - 35. H-17822 - ELEMENTARY DIAGRAM RPS C71 SYSTEM
  - 36. H-17753 - ELEMENTARY DIAGRAM ADS
  - 37. H-17108 - ELEMENTARY DIAGRAM CORE SPRAY E21 SYSTEM
  - 38. H-13953 - ELEMENTARY DIAGRAM PCB S22 SYSTEM
  - 39. H-19501 - ELEMENTARY DIAGRAM RADWASTE G11 SYSTEM
  - 40. H-17746 - ELEMENTARY DIAGRAM STEAM LEAK DETECTION SYSTEM E21
  - 41. H-13388 - ELEMENTARY DIAGRAM PLANT SERVICE WATER MOV'S
  - 42. H-17104 - ELEMENTARY DIAGRAM STANDBY GAS TREATMENT SYSTEM T46
  - 43. H-17860 - ELEMENTARY DIAGRAM REACTOR RECIRCULATING PUMP AND MG SET 'A'
  - 44. H-17902 - ELEMENTARY DIAGRAM REACTOR RECIRCULATING PUMP AND MG SET 'B'
  - 45. H-13375 - ELEMENTARY DIAGRAM GENERATOR AUXILIARY EQUIPMENT
  - 46. H-13374 - ELEMENTARY DIAGRAM ALTREREX EXCITATION NS1 SYSTEM
  - 47. H-13385 - ELEMENTARY DIAGRAM 600V STATION SERVICE SUPPLY ACB'S
  - 48. H-40075 - ELEMENTARY DIAGRAM HEALTH PHYSICS HVAC SYSTEM Z41
  - 49. H-13376 - ELEMENTARY DIAGRAM TURBINE AUXILIARY EQUIPMENT
  - 50. H-13384 - ELEMENTARY DIAGRAM 800V AND 208V STATION SERVICE
  - 51. H-14198 - ELEMENTARY DIAGRAM FIRE PROTECTION TURBINE AND CONTROL BUILDING
  - 52. H-17063 - 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

1H11-P611 H-17929	REDRIC PUMP TRIP SYSTEM "B" LOGIC (C71 SYSTEM)	PN85	2P	30A	2P	30A	PN84	SAFETY RELIEF VALVES LEAK DETECTION INDICATING LIGHTS	1H11-P628 H-17920
	SPARE	REF 24	2P	20A	2P	20A	REF 36	R25-S002-ESB-M05	1241-D004B H-17968
1R24-S029 H-14106	MCC 1E ALTERNATE SUPPLY BREAKER SHUNT TRIP	PN83	2P	5A	3P	5A	PN82	CHANNEL "M" RHR RELAY LOGIC (E11 SYSTEM)	1H11-P618 H-17204
1R22-S002 H-13478	CONDENSER FLOODING FRAME 2 RELAY DIV II	PN85	2P	7	30A	2P	PN84	HPCI RELAY LOGIC AND REMOTE TURBINE TRIP (E41 SYSTEM)	1H11-P620 H-17210
	SPARE	REF 18	2P	20A	30A	2P	REF 20	R25-S002-ESB-M06	1H11-P612 H-17929
1H11-P650 H-13432	RPPT 1B BRG EMERGENCY OIL PUMP 1N34-C008 (H-13606)	PN89	2P	11	12	2P	PN88	HPCI CNTL PWR AND RHR VALVE (C71 SYSTEM)	1H11-P611 H-17929
	SPARE	REF 32	2P	15A	14	2P	REF 20	R25-S002-ESB-M10	1H11-P601 H-17942
	SPARE		2P	15A	14	2P		SPARE	
	SPARE		2P	15A	16	2P	PN82	MAIN STEAM RELIEF VALVES LEAK DETECTION LOGIC	1H11-P628 H-17920
1H11-P623 H-17184	NSSS PLOT VALVES FOR OUTBOARD MSV'S AND RCIC RELAY LOGIC	PN85	2P	17	18	2P	PN84	ALT CNTL PWR (B21C SYSTEM)	1H11-P628 H-17920
1R23-S004 H-14048	600V BUS 1D SUPPLY FRAME 9 BREAKER CONTROL POWER	PN87	2P	19	20	2P	REF 36	R25-S002-ESB-M16	1H11-P627 H-17207
1R23-S004 H-14047	600V BUS 1D FDR BREAKER FRAME 9 CONTROL POWER	PN89	2P	21	22	2P	REF 31	R40S9M01	H-13567
1H11-P612 H-17918	230V SWITCHBOARD PCB INTERPOSING RELAYS	PN73	2P	25	26	2P	PN88	ALT CNTL PWR FOR MG SET "B"	1B31-PC02B H-17935
1H11-P653 H-13643	HPCI PWR SPLY 1E41-K603 & POST ACCIDENT MONITOR SPEED CTRL	PN75	2P	27	28	2P	PN88	ALT CNTL PWR FOR MG SET "B"	1B31-PC02B H-17935
1H11-P612 H-17918	ACCIDENT MONITOR SPEED CTRL	PN75	2P	27	28	2P	REF 44	R25-S002-M00	H-17935
	SPARE	REF 20	2P	29	30	2P	REF 33	R25-S002-M08	H-17207
	SPARE		2P	29	30	2P	PN76	REV BUS 1A FDR BREAKERS CONTROL POWER	1R22-S001 FRAME 4 H-13474
1H11-P614 H-17918	RCIC STEAM LEAK ISOL AND LIGHT INDICATION DIV II (B21 SYSTEM)	PN79	2P	31	32	2P	REF 26	DR PLANT SERVICE WATER	1H21-P271 H-14177
1R23-S002 H-17918	600V BUS 1D SUPPLY FRAME 9 BREAKER CONTROL POWER	PN87	2P	19	20	2P	REF 41	R25-S002-M03	H-14177
1R23-S004 H-41246	600V BUS 1D SUPPLY FRAME 9 BREAKER CONTROL POWER	PN87	2P	19	20	2P	REF 42	R25-S002-ESB-M32	H-17943
1C82-P002 H-19617	REMOTE SHUTDOWN PANEL DIV II	PN83	2P	35	36	2P		SPARE	

1R25-S002  
125V DC CABINET 1B  
DIVISION II  
LOCATION: 130 EL CONT BLDG

BOUNDARY DIAGRAM NO.: 1R42-B01-02  
FUNCTION(S) NO.: 1R42-01, 1R42-07  
PREPARED BY: Mark Crater  
DATE: 04/20/98  
REVIEWED BY: Renee Ritchey  
DATE: 04/29/98

Revision: A Date: 11-18-99  
APPROVED, ISSUED PER LICENSE  
RENEWAL BOUNDARY PACKAGES.  
DRAWING CREATED FROM  
H-13370, SHEET 2, REV. 16  
BY: BJK

**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

DATE	BY	REASON	LOCATION	DOCUMENT NUMBER	REVISION
10-502	HL-13370	NONE			A

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