



LEGEND

NO. OF POLES
 BREAKER FUNCTION
 REF. NO.
 DESTINATION

1. DELETED
 2. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION
 3. DIESEL SYSTEM BATTERIES 1A, 1B & 1C (1R42-S002A, 1R42-S002B & 1R42-S002C) HAVE BEEN REPLACED WITH C & D TYPE KCR-11 BATTERIES (S-71175). BATTERY RACKS HAVE BEEN REPLACED WITH C & D TYPE RD-1659 RACKS (S-71176 & S-71177).

- ALL BREAKERS OR SPACES IN THE PANEL WILL BE ACCORDED 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 C BREAKERS WILL BE COUNTED AS 1 POSITION FOR BREAKER NUMBERING PURPOSES

- REFERENCES:**
- 1.H-13373 SYNCHRONIZING AND VOLT METER SCHEMATIC DIAGRAM
 - 2.H-13381 ELEMENTARY DIAG DIFFERENTIAL AUXILIARY RELAYS
 - 3.H-13382 ELEMENTARY DIAGRAM 4160V STATION SERVICE SUPPLY ACB'S
 - 4.H-13384 ELEMENTARY DIAGRAM 600V AND 20V STATION SERVICE
 - 5.H-13385 ELEMENTARY DIAGRAM 600V STATION SERVICE SUPPLY ACB'S
 - 6.H-13388 ELEMENTARY DIAGRAM PLANT SERVICE WATER PUMPS
 - 7.H-13404 SCHEMATIC DIAGRAM DIESEL GEN 1A, 1B AND 1C EXCITERS
 - 8.H-13411 SCHEMATIC RELAY DIAGRAM EMERGENCY STATION SERVICE
 - 9.H-13412 ELEMENTARY DIAGRAM DIESEL GENERATOR 1A, 1B AND 1C
 - 10.H-13584 ELEMENTARY DIAGRAM DIESEL MISCELLANEOUS EQUIPMENT
 - 11.H-13586 ELEMENTARY DIAGRAM PLANT SERVICE WATER PUMPS
 - 12.H-13587 CONTACT TABULATION DIESEL GENERATOR CONTROLS
 - 13.H-13588 ELEMENTARY DIAGRAM DIESEL GENERATOR CONTROLS
 - 14.H-13589 ELEMENTARY DIAGRAM EMERGENCY STATION SERVICE MISC
 - 15.H-14191 ELEMENTARY DIAGRAM FIRE PROTECTION SYSTEM DIESEL BUILDING
 - 16.H-14239 ELEMENTARY DIAGRAM DIESEL BUILDING 4160V/600V EMERGENCY STATION SERVICE FDS
 - 17.H-14245 ELEMENTARY DIAGRAM FIRE PROTECTION SYSTEM CABLE STRUCTURE ROOM AND INTAKE STRUCTURE
 - 18.H-17112 ELEMENTARY DIAGRAM CORE SPRAY SYSTEM
 - 19.H-17113 ELEMENTARY DIAGRAM CONTROL ROD DRIVE HYDRAULIC INSTRUMENT SYSTEM
 - 20.H-17114 ELEMENTARY DIAGRAM CONTROL ROD DRIVE HYDRAULIC INSTRUMENT SYSTEM
 - 21.H-17776-H-17782 ELEMENTARY DIAGRAM RESIDUAL HEAT REMOVAL SYSTEM
 - 22.H-19782 ELEMENTARY DIAGRAM ERF DIGITAL MULTIFLEXER SYSTEM
 - 23.H-23668-H-23670 ELEMENTARY DIAGRAM EMERGENCY STATION SERVICE SYSTEM
 - 24.H-23773-H-23779 ELEMENTARY DIAGRAM DIESEL GENERATOR 2B 2R43 SYSTEM
 - 25.H-23783 ELEMENTARY DIAGRAM FIRE PROTECTION DIESEL BUILDING
 - 26.H-13371 SINGLE LINE DIAGRAM 125V DC EMERGENCY STATION SERVICE 1R25-S006
 - 27.A-10173 LOAD LIST FOR DISTRIBUTION PANEL 1R25-S004
 - 28.A-10174 LOAD LIST FOR DISTRIBUTION PANEL 1R25-S005
 - 29.A-10175 LOAD LIST FOR DISTRIBUTION PANEL 1R25-S006
 - 30.H-42172 ELEMENTARY DIAGRAM ATWS-ARI SYSTEM C11
 - 31.H-13648 SINGLE LINE DIAG-DIESEL BLDG. 600/200V MCC-1B & 1D 1R24-S028, 1R24-S048, & 1R25-S035

LICENSE RENEWAL DOCUMENT
 MPL NO. 1R25 ACAD14 HL1337101

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
 125V DC EMERGENCY STATION SERVICE
 MPL'S 1R25-S004 AND 1R25-S005

Revision: A Date: 11-17-99
 APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES.
 DRAWING CREATED FROM H-13371 SCL1, REV.32 BY JRM.

DATE	REVISION	LOCATION	DOCUMENT NUMBER	RECORD
11/17/99	1	None	HL-13371	A

None

BOUNDARY DIAGRAM NO.1R42-B02-01
FUNCTION(S) NO. 1R42-02
 PREPARED BY: MARK CRISLER
 DATE: 4/20/98
 REVIEWED BY: R B RITCHIE
 DATE: 4/28/98