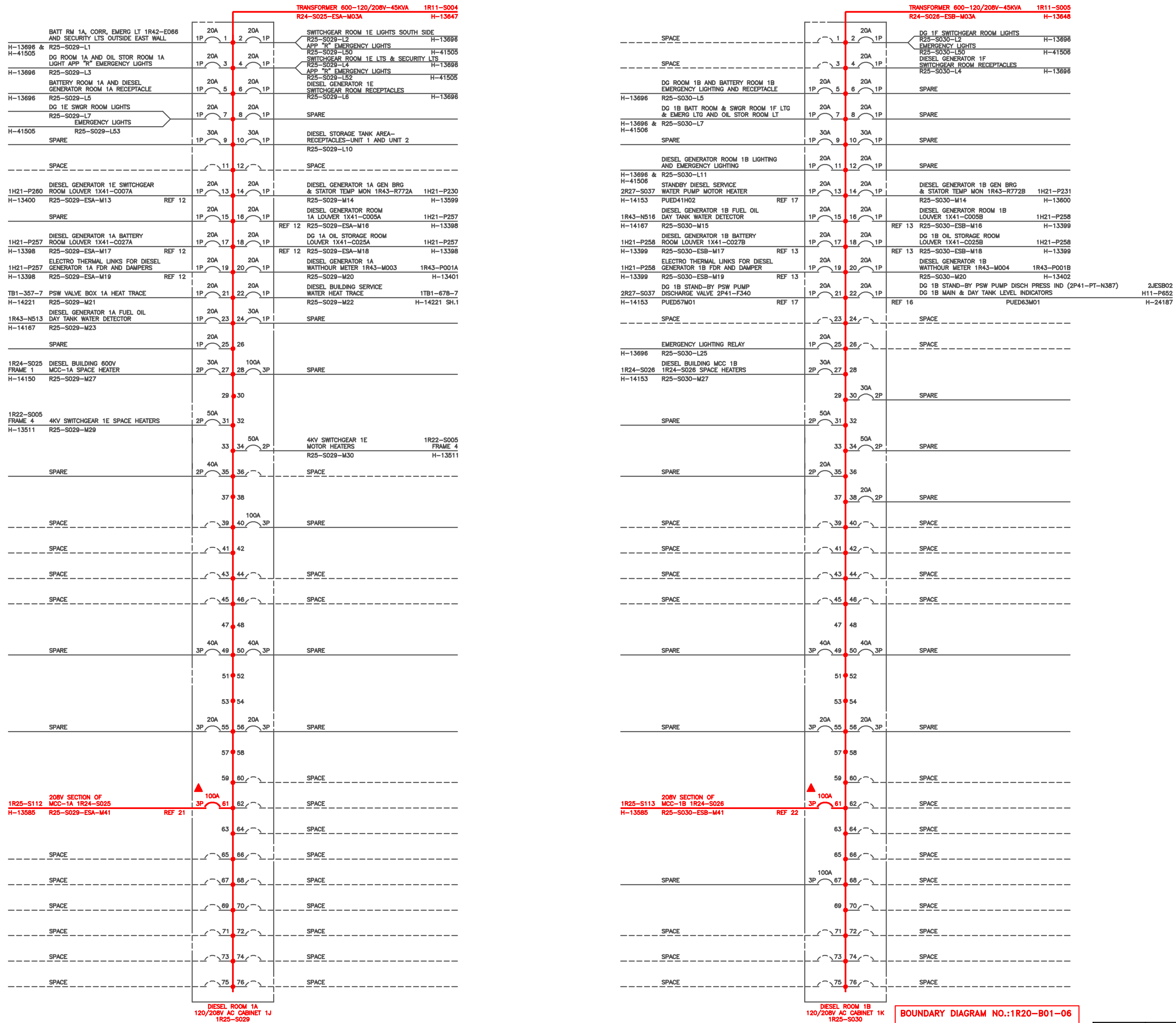
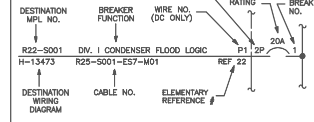



## LEGEND




- 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.

## NOTES:

1. ▲—REPLACED 100 AMP MOLDED CASE CIRCUIT BREAKER WITH 100 AMP MOLDED CASE SWITCH (NON—AUTOMATIC BREAKER).
2. ǂ—INSTANTANEOUS TRIP RATING.
3. *—THESE ACB'S ARE AUTOMATICALLY CLOSED ON UNIT NO.2 LOCA.

## REFERENCES:

| | | |
|---|---|---|
| 1. | A—13019 | DIESEL ROOM 1A, CABINET 1J— 120/208V, 3 PHASE, 1R25—S029 |
| 2. | A—13020 | DIESEL ROOM 1B, CABINET 1K— 120/208V, 3 PHASE, 1R25—S030 |
| 3. | A—13021 | DIESEL ROOM 1C, CABINET 1L— 120/208V, 3 PHASE, 1R25—S031 |
| 4. | H—13350 | MASTER SINGLE LINE DIAGRAM |
| 5. | H—13352 | SINGLE LINE DIAGRAM EMERGENCY STATION SERVICE |
| 6. | H—13361 | SINGLE LINE DIAGRAM 600V BUS 1C AND 1D |
| 7. | H—13585 | WIRING DIAGRAM DIESEL ROOM CABINETS 1J, 1K AND 1L |
| 8. | SX—13058 | PANELBOARD OUTLINE—POWER DISTRIBUTION CABINET 1R25—S029—31, 1R25—S004—7 |
| 9. | A—10195 | LOAD LIST FOR 1R25—S029 |
| 10. | A—10196 | LOAD LIST FOR 1R25—S030 |
| 11. | A—10197 | LOAD LIST FOR 1R25—S031 |
| 12. | H—13395 | ELEMENTARY DIAGRAM DIESEL GENERATOR 1A HEATING AND VENTILATION |
| 13. | H—13396 | ELEMENTARY DIAGRAM DIESEL GENERATOR 1B HEATING AND VENTILATION |
| 14. | H—13397 | ELEMENTARY DIAGRAM DIESEL GENERATOR 1C HEATING AND VENTILATION |
| 15. | H—13567 | WIRING DIAGRAM ANNUNCIATOR LOGIC CABINET 1A BAY E |
| 16. | H—23633 | ELEMENTARY DIAGRAM TURBINE AND AUXILIARY SYSTEM PRESSURE INSTRUMENTS |
| 17. | H—23779 | ELEMENTARY DIAGRAM DIESEL GENERATOR 2B SYSTEMS 2R42B, 2R43B AND 2P41 SHEET 7 OF 7 |
| 18. | H—41505 | DIESEL ROOM 1A & SWITCHGEAR ROOM 1E EMERGENCY LIGHTING |
| 19. | H—41506 | DIESEL ROOM 1B & SWITCHGEAR ROOM 1F EMERGENCY LIGHTING |
| 20. | H—41507 | DIESEL ROOM 1C & SWITCHGEAR ROOM 1G EMERGENCY LIGHTING |
| 21. | H—13647 | SINGLE LINE DIAGRAM DIESEL BUILDING 600—208V MCC—1A MPL 1R24—S025 |
| 22. | H—13648 | SINGLE LINE DIAGRAM DIESEL BUILDING 600—208V MCC—1B AND 1D MPL'S 1R24—S026 AND 1R24—S048 |
| 23. | H—13649 | SINGLE LINE DIAGRAM DIESEL BUILDING 600—208V MCC—1C MPL 1R24—S027 |
| 24. | H—13696 | UNIT 1 LIGHTING DIESEL GENERATOR BUILDING COLUMNS C—F AND 1—3 |

LICENSE RENEWAL DOCUMENT

BOUNDARY DIAGRAM NO.:1R20—B01—06

FUNCTION(S) NO.: 1R20—01

PREPARED BY: MARK CRISLER
DATE: 4/6/98
REVIEWED BY: RENEE RITCHEY
DATE: 4/20/98

| Revision: A | Date: 11—10—99 |
|---|---|
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MPL NO. 1R25 | ACAD14 | HL1336201

SOUTHERN COMPANY

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EDWIN I. HATCH NUCLEAR PLANT UNIT No.1 & 2
SINGLE LINE DIAGRAM
DIESEL BUILDING STATION SERVICE
MPL'S 1R25—S029 AND 1R25—S030

| DRAWN | DESIGNED | LOCATION | DOCUMENT NUMBER | REVISION |
|---|---|---|---|---|
| TRM | LCF | 10-502 | HL-13362 SH.1 OF 2 | A |
| DATE | SCALE: None | | | |