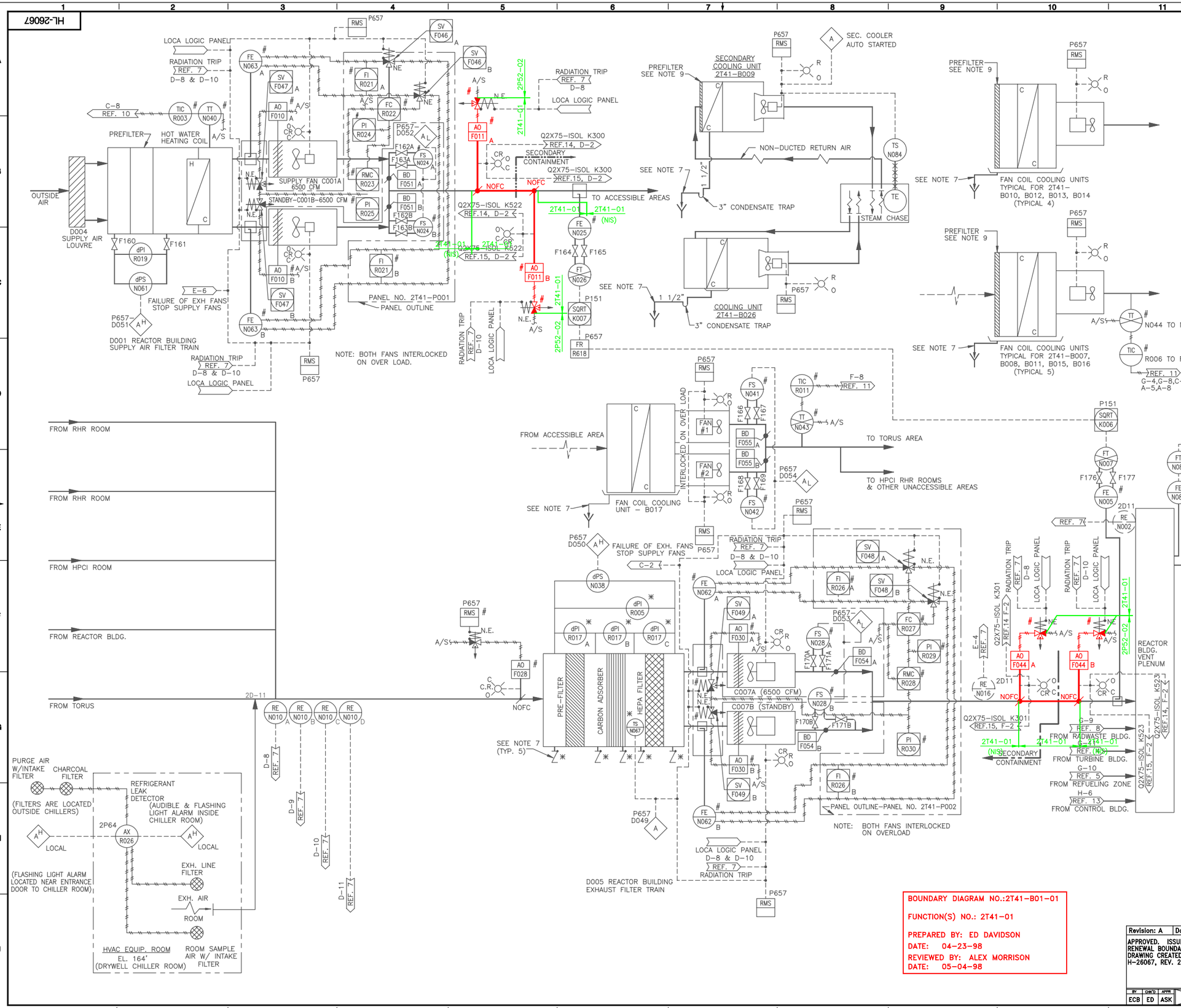


## NOTES

1. TWO UPSCALE TRIPS ON CHANNEL "A" OF REACTOR ZONE RAD. EXHAUST MONITORS UNIT 2 OR UNIT 1 (INACCESSIBLE AREA EXHAUST) SHALL:
   (a) SHUTDOWN THE REACTOR ZONE SUPPLY AND EXHAUST FANS AND CLOSE REACTOR ZONE SUPPLY AND EXHAUST AIR ISOLATION VALVES.
   (b) INITIATE STANDBY GAS TREATMENT SYSTEM "A" AND OPEN AO-F001A.
   (c) CLOSE INBOARD PRIMARY CONTAINMENT PURGE AND VENT. VALVES.
   ANY ONE UPSCALE TRIP SHALL ALARM.
   ANY ONE DOWNSCALE TRIP SHALL ALARM.
2. TWO UPSCALE TRIPS ON CHANNEL "B" OF REACTOR ZONE RAD. EXHAUST MONITORS UNIT 2 OR UNIT 1 (INACCESSIBLE AREA EXHAUST) SHALL:
   (a) SHUT DOWN THE REACTOR ZONE SUPPLY EXHAUST FANS. CLOSE SUPPLY AND EXHAUST AIR ISOLATION VALVE.
   (b) INITIATE STANDBY GAS TREATMENT SYSTEM "B" AND OPEN AO-F001B.
   (c) CLOSE OUTBOARD PRIMARY CONTAINMENT PURGE AND VENT. VALVES (REF. 3).
   ANY ONE UPSCALE TRIP SHALL ALARM.
   ANY ONE DOWNSCALE TRIP SHALL ALARM.
3. LOSS OF COOLANT ACCIDENT (LOCA) - DRYWELL HIGH PRESSURE OR RPV WATER LEVEL 2 SIGNALS SHALL:
   (a) SHUTDOWN THE REACTOR ZONE SUPPLY AND EXHAUST FANS AND CLOSE SUPPLY AND EXHAUST AIR ISOLATION VALVES.
   (b) INITIATE STANDBY GAS TREATMENT SYSTEM AND OPEN AOV-F001A & B.
4. ALL SUPPLY AND EXHAUST DUCT ARE SEISMIC CLASS I AND SHALL MEET THE QUALITY ASSURANCE REQUIREMENTS.
5. ✳ INDICATES INSTRUMENT SUPPLIED WITH THE ASSOCIATED COMPONENT.
6. # INDICATES INSTRUMENT SUPPLIED BY HVAC CONTRACTOR.
7. ALL DRAINS FROM FILTER TRAINS AND COOLING COILS SHALL BE ROUTED TO THE NEAREST FLOOR DRAIN.
8. FOR FIRE PROTECTION TO THE CARBON ABSORBER SEE REF. 9.
9. ROLL FILTER MATERIAL IS CUT TO FIT AS PREFILER FOR NON-DUCTED RETURN COOLERS (OPTIONAL).

## REFERENCES

| REFERENCE | MPL NO. | SS NO. |
|---|---|---|
| 1. PRIMARY CONTAINMENT PURGE & INERTING SYS. P&ID. | 2T48-1020 | H-26084 |
| 2. STANDBY GAS TREATMENT P.F.D. & P&ID. | 2T46-1010 | H-26078 |
| 3. PRIMARY CONTAINMENT ISOLATION SYS. | | |
| 4. TURBINE BLDG. VENT. SYS. P&ID. | 2U41-1010 | H-26086 |
| 5. REACTOR BLDG. REFUELING FLOOR VENT. SYS. P&ID. | 2T41-1040 | H-26072 |
| 6. NUCLEAR BOILER SYS. P&ID. | 2B21-1010 | H-26000,1 |
| 7. PROCESS RADIATION MONITORING SYS. I.E.D. | 2D11-1010 | H-26011,12, H-26013 |
| 8. RADWASTE BLDG. VENT. P&ID. | 2V41-1010 | H-26090 |
| 9. FIRE PROTECTION TO FILTER TRAINS IN REACTOR, RADWASTE & TURBINE BLDG.-P&ID. | | H-21342 |
| 10. PLANT HEATING SYS. P&ID. | 2P44-1010 | H-26065 |
| 11. REACTOR & RADWASTE BLDG. CHILLED WATER SYS. P&ID & P.F.D., SHT. 2 | 2P65-1020 | H-26008 |
| 12. FIRE PROTECTION SYS. P&ID. | 2T43-1010 | H-21017 |
| 13. CONTROL BLDG. VENT. P&ID. | 2Z41-1010 | H-26093 |
| 14. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 8 OF 15. | X75-1010 | H-16410 |
| 15. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 8 OF 15. | 2X75-1010 | H-26177 |
| 16. REACTOR BLDG. VENT P&ID (UNIT 1) | 1T41 | H-16005 |
| 17. STANDBY GAS TREATMENT P&ID (UNIT 1) | 1T46 | H-16020 H-16174 |

LICENSE RENEWAL DOCUMENT

MPL. NO. 2T41-1010

ACAD14 HL26067

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
REACTOR ZONE VENTILATION SYSTEM P&ID.

BOUNDARY DIAGRAM NO.:2T41-B01-01
FUNCTION(S) NO.: 2T41-01
PREPARED BY: ED DAVIDSON
DATE: 04-23-98
REVIEWED BY: ALEX MORRISON
DATE: 05-04-98

Revision: A | Date: 12-29-99
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|---|---|---|---|---|
| ECB | LCF | 10-502 | HL-26067 | A |
| DATE | SCALE: None | | | |