



TITLE
 1. TURBINE BLDG. VENT. SYS.
 2. CONTROL BLDG. VENT. SYS.
 3. PROCESS RAD. MONITORING SYSTEM I.E.D.
 4. PRIMARY CMT. PURGE & INERTING SYS. P&ID
 5. PIPING & INSTR. SYMBOLS
 6. CONTROL BLDG. CONTROL ROOM A.C. P.F.D.
 7. REACTOR BLDG. VENT. SYS.
 8. NUCLEAR BOILER SYS. LOGIC ROOM A.C. P.F.D.
 9. CONTROL ROOM-SHIFT SUPERVISOR AREA HVAC
 10. CONTROL BLDG. CONTROL ROOM AIR COND.
 11. CONTROL BLDG. HVAC SYS. PLAN AT ELEV. 164'-0"
 12. CONTROL BLDG. HVAC SYS. MODIFIED AREA PLAN AND SECTIONS.

BOUNDARY DIAGRAM NO. 1241-801-05
FUNCTION(S) NO.: 1241-02, 2241-02, 1241-03, 2241-03
PREPARED BY: ED DAVIDSON
DATE: 04-17-98
REVIEWED BY: WILLIE JENNINGS
DATE: 05-27-98

- NOTES**
- FOR VENTILATION SYMBOLS SEE DWG. H-16001.
 - ALL EQUIPMENT AND INSTRUMENT NOS. ON THIS DWG. PRECEDED BY Z41 EXEMPLE Z41-0010.
 - POWER SUPPLY AVAILABLE IF NECESSARY.
 - SYMBOL INDICATES INSTRUMENT FURNISHED WITH THE ASSOCIATED EQUIPMENT AS PART OF AN EQUIPMENT PACKAGE.
 - DELETED.
 - PRESSURIZE CONTROL ROOM & ROUTE AIR THROUGH FILTER ON [UNIT 1 OR 2 (CH "A" OR CH "B")]
 - LOCA SIGNAL (DRYWELL HIGH PRESSURE OR RPV WATER LEVEL 1 SIGNALS)
 - REF. FLOOR HIGH RADIATION
 - CONTROL ROOM AIR INTAKE MONITORS-HIGH RADIATION
 - DELETED
 - DELETED
 - AIR SUPPLY TO THE FOLLOWING DAMPERS SHALL BE NON-INTERFERABLE AND SHALL BE SUPPLIED FROM AIR ACCUMULATOR (Z41-8001): Z41-F013A, B, Z41-F014, Z41-F016.
 - REDUNDANT DIFFERENTIAL PRESSURE SWITCHES ARE TO MONITOR DIFFERENTIAL PRESSURE BETWEEN THE TURBINE BLDG. AND THE CONTROL ROOM AND TO PROVIDE AN ALARM IF PRESSURIZATION IS LOST.
 - NORMALLY OPEN ROOT VALVES FUNCTION TO ISOLATE ASSOCIATED INSTRUMENTS; NORMALLY CLOSED ROOT VALVES ALLOW CONNECTION OF PORTABLE INSTRUMENTATION.
 - HEATER & THERMOSTAT DISCONNECTED BUT REMAIN IN PLACE.
 - LOCATED OVERHEAD AT UNIT ONE SHIFT SUPERVISOR'S STATION.
 - ONLY ONE FILTER TRAIN OPERATES WHILE THE OTHER TRAIN IS MAINTAINED IN STANDBY MODE.

REFERENCES

MPL No.	DWG. No.
U41-1010	H-16037
Z41-1030	H-16040
S-15161	S-15161
H-16024	H-16024
A41-1010	S-15051
Z41-1060	H-16043
H-16005	H-16005
H-24712	H-24712
Z41-1090	H-26094
Z41-1020	H-16056
H-26120	H-26120

LICENSE RENEWAL DOCUMENT
 MPL NO. Z41-1050 [ACAD14] HL16042

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN 1. HATCH NUCLEAR PLANT UNIT No. 1 & 2
 CONTROL BLDG.-CONTROL & CABLE SPREADING ROOMS, AIR COND. TEMP. CONTROL DIAGRAM

DATE	BY	REASON	LOCATION	DOCUMENT NUMBER	REVISION
11/01/98	ED	ASK	None	10-502	HL-16042

Revisions: A [Date: 1-5-2000]
 APPROVED: ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-16042, REV. 30; ESB