

1. ALL EQUIPMENT & INSTRUMENTS ARE PREFIXED BY MPL 2T46 UNLESS OTHERWISE NOTED.
2. WHERE GV-NUMBERS ARE SHOWN, THE VALVES ARE TAGGED WITH THESE NUMBERS; WHERE GV-NUMBERS ARE NOT SHOWN, THE VALVES ARE TAGGED WITH THE MPL-NUMBER.
3. ALL EMBEDDED PIPE IS TO BE PIPE CLASS HBC, COATED AS PER PIPING SPEC.
4. ALL INDICATING LAMPS ON VALVES ARE TO BE ON VENTILATION PANEL IN MAIN CONTROL ROOM.
5. TWO UPSCALE TRIPS FROM CHANNEL "A" OF REACTOR BUILDING RADIATION EXHAUST MONITORS SIGNAL (REF. 8).
6. TWO UPSCALE TRIPS FROM CHANNEL "B" OF REACTOR BUILDING RADIATION EXHAUST MONITORS SIGNAL (REF. 8).
7. TWO UPSCALE TRIPS FROM CHANNEL "A" OF REFUELING FLOOR AREA RADIATION MONITORS SIGNAL (REF. 8).
8. TWO UPSCALE TRIPS FROM CHANNEL "B" OF REFUELING FLOOR AREA RADIATION MONITORS SIGNAL (REF. 8).
9. LOSS OF COOLANT ACCIDENT (LOCA) - DRYWELL HIGH PRESSURE OR REACTOR LEVEL 2 SIGNALS (REF. 3).
10. HIGH RADIATION IN REACTOR OR REFUELING FLOOR IN UNIT #1 & 2 STARTS UNIT #2 SGT'S D001A & B AND OPEN VALVES NO. F003A & B AND F001A & B.
11. L.O.C.A. IN UNIT #1 STARTS UNIT #2 SGT'S UNITS D001A & B AND OPEN VALVES NO. F003A & B AND F001A & B.
12. \* INDICATES VENDOR SUPPLIED EQUIPMENT.
13. # INDICATES EQUIPMENT SUPPLIED BY HVAC CONTRACTOR.
14. TEST CONNECTIONS TO BE 1" NPT. FULL COUPLING TO BE LOCATED ON THE SIDE OF THE 18" PIPE, MIN. TWO BENDS OF 20 DIAMETERS ON THE UPSTREAM SIDE AND AT ANY CONVENIENT LOCATION ON THE DOWNSTREAM SIDE.
15. DELETED.
16. ANY ADDITIONAL HIGH POINT VENTS AND LOW POINT DRAINS TO BE ADDED BY FIELD AS REQUIRED.
17. EXCESS FLOW ISOLATION DAMPERS.
18. SIX IDENTICAL TEMPERATURE SWITCHES ARE PROVIDED FOR THE CARBON FILTER. THE TAG NUMBERS ARE 2T46-N016A AND N021A THROUGH N025A FOR ASSEMBLY A, AND 2T46-N016B AND N021B THROUGH N025B FOR ASSEMBLY B.
19. DELUGE SYSTEM FOR THE FILTER UNIT IS MANUALLY ACTIVATED FOR FIRE PROTECTION WATER SOURCE, SEE DWG H-50036.
20. INTERNAL GUILLOTINE DAMPER TO ISOLATE THE 3" DECAY HEAT LINE. THE GUILLOTINE DAMPER IS NORMALLY MAINTAINED OPEN.
21. HUMIDITY CONTROLLERS HAVE BEEN DELETED FROM THE HEATER CONTROLS CIRCUIT. FOR HEATER CONTROLS SEE DRAWING SX-21188.

REFERENCES

REF. NO.	MPL. NO.	SSL NO.
3.	NUCLEAR BOILER SYS. P&ID	2B21-1010 SH.1 H-26000 SH. 2 H-26001
4.	PIPING & INSTRUMENT SYMBOLS	A42-1010 S-15051
5.	PRIMARY CONTAINMENT PURGE & INERTING SYS.	2T48-1020 H-26084
6.	REACTOR BUILDING FLOOR & EQUIPMENT DRAINAGE SYS.	2T45-1010 H-26075
7.	FIRE PROTECTION SYS. P.&I.D.	H-50036
8.	PROCESS RADIATION MONITORING SYS.	2D11-1010 H-26011 H-26012 H-26013
9.	DRYWELL COOLING SYS. P&ID	2T47-1010 H-26074
10.	REACTOR BLDG. VENTILATION SYSTEM P.&I.D. (UNIT #1)	T41-1020 H-16005
11.	REACTOR BLDG. REFUELING FL. VENT. SYS. P.&I.D. (UNIT #1)	T41-1050 H-16014
12.	PROCESS RADIATION MONITORING SYS.	D11-1010 SX-15006 (GE-729E610BA)
13.	CLASS 1E DIV. 1 ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	2X75-1010 H-26285
14.	CLASS 1E DIV. 2 ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	2X75-1010 H-26286
15.	ANNUNCIATOR SIGNALS TO TSC I.E.D.	2X75-1010 H-26159
16.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 8 OF 15	H75-1010 H-16410
17.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 8 OF 15	2X75-1010 H-26177
18.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 9 OF 15	H75-1010 H-16411
19.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 9 OF 15	2X75-1010 H-26277
20.	ELECTRIC SCHEMATIC FAN HEATER AND OVERHEAD DETECTOR	SX-21188

LICENSE RENEWAL DOCUMENT

MPL. NO. 2T46-1010 ACAD14 HL26078

**SOUTHERN COMPANY**

**LICENSE RENEWAL SCREENING FOR INFORMATION ONLY**

EDWIN I. HATCH NUCLEAR PLANT No.2  
STANDBY GAS TREATMENT SYSTEM  
P&ID

DATE	BY	SCALE	LOCATION	DOCUMENT NUMBER	REVISION
10-502	TRM	None		HL-26078	A

**BOUNDARY DIAGRAM NO.: 2T46-B01-01**

FUNCTION(S) NO.: 2T46-01  
2C61-02

PREPARED BY: ALEX MORRISON  
DATE: 3/16/98  
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DATE: 4/30/98

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