



- NOTES**
- ALL INDICATING LAMPS ON VALVES TO BE ON VENTILATION PANEL BOARD IN MAIN CONTROL ROOM.
 - ALL ITEM NUMBERS TO BE PREFIXED BY T41 TO COMPLETE MPL LISTING UNLESS SHOWN OTHERWISE.
 - UNIT 1 AND UNIT 2 (REF 20) REFUELING FLOOR CHANNEL "A" AREA RAD. EXHAUST MONITORS: TWO UPSCALE TRIPS SHALL:
 - SHUTDOWN THE REFUELING FLOOR SUPPLY & EXHAUST FANS & CLOSE REFUELING FLOOR SUPPLY AND EXHAUST ISOLATION VALVES.
 - INITIATE STANDBY GAS TREATMENT SYSTEM & OPEN AO-FD40B. ANY ONE UPSCALE TRIP SHALL ALARM. ANY ONE DOWNSCALE TRIP SHALL ALARM.
 - SHUTDOWN THE REACTOR ZONE SUPPLY, ACCESSIBLE AND INACCESSIBLE AREA EXHAUST FANS AND CLOSE SUPPLY AND EXHAUST ISOLATION VALVES.
 - OPEN AO-FD32A (H-16005).
 - CLOSE INBOARD P.C. PURGE AND VENT VALVES.
 - UNIT 1 AND UNIT 2 (REF 20) REFUELING FLOOR CHANNEL "B" AREA RAD. EXHAUST MONITORS: TWO UPSCALE TRIPS SHALL:
 - SHUTDOWN THE REFUELING FLOOR SUPPLY & EXHAUST FANS & CLOSE REFUELING FLOOR SUPPLY AND EXHAUST ISOLATION VALVES.
 - INITIATE STANDBY GAS TREATMENT SYSTEM & OPEN AO-FD40B. ANY ONE UPSCALE TRIP SHALL ALARM. ANY ONE DOWNSCALE TRIP SHALL ALARM.
 - SHUTDOWN THE REACTOR ZONE SUPPLY, ACCESSIBLE AND INACCESSIBLE AREA EXHAUST FANS AND CLOSE SUPPLY AND EXHAUST ISOLATION VALVES.
 - OPEN AO-FD32B (H-16005).
 - CLOSE OUTBOARD P.C. PURGE AND VENT VALVES.
 - LOSS OF COOLANT ACCIDENT (UNIT 1: REF. 4, UNIT 2: REF. 26) SHALL:
 - SHUTDOWN THE REFUELING FLOOR SUPPLY & EXHAUST FANS & CLOSE REFUELING FLOOR SUPPLY AND EXHAUST ISOLATION VALVES.
 - START STANDBY GAS TREATMENT SYSTEM & OPEN AO-FR40MAG.
 - LOSS OF COOLANT ACCIDENT (LOCAL) - DRYWELL HIGH PRESSURE OR RRV WATER LEVEL 2 SIGNALS (REF. 4) SHALL:
 - SHUTDOWN THE SUPPLY ACCESSIBLE AND INACCESSIBLE AREA EXHAUST FANS AND CLOSE SUPPLY & EXHAUST ISOLATION VALVES.
 - START STANDBY GAS TREATMENT SYSTEM AND OPEN ADV-FD32 A & B.
 - FAN INTERLOCK SIGNAL FROM INITIATION OF DELUGE SYSTEM FOR TRAIN T41-000B. INITIATION OF DELUGE SYSTEM FOR EITHER FILTER TRAIN WILL BE ANNOUNCED IN THE MAIN CONTROL ROOM.
 - (REACT. BLDG. H. RAD. SIGNAL) SIGNAL 4.D AND 4.E FROM H-16005.
 - (REACT. BLDG. H. RAD. SIGNAL) SIGNAL 5.D AND 5.E FROM H-16005.
 - WATER TO THE DELUGE VALVE FOR EACH FILTER TRAIN WILL BE PROVIDED FROM THE FIRE PROTECTION SYSTEM P. & I.D.

BOUNDARY DIAGRAM NO.: T41-B01-02
FUNCTION(S) NO.: T41-01
 PREPARED BY: Ed Davidson
 DATE: 04/22/98
 REVIEWED BY: Alex Morrison
 DATE: 05/04/98

REFERENCES (CONT.)

17. PLANT HEATING SYS P. & I.D.	P61-1020	H-16286
18. CONTROL BLDG. - CONTROL & CABLE SPREADING ROOMS	241-1050	H-16042
19. HOT MACH SHOP SUPPORT SYS P. & I.D.		H-26053
20. UNIT 2 PROCESS RADIATION MONITORING SYS P. & I.D. SHEETS 1, 2, 3.	2011-1010	H-28011 H-28012 H-28013 H-16402
21. ANNUNCIATOR SIGNALS TO TSC I.E.D.	X75-1010	H-16410
22. DATA ACQUISITION CHART, ERF ANALOG SIGNALS - GFI SIGNAL CONDITIONING SH. 6 OF 6.	X75-P601	SX-19338
23. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS I.E.D. SH 8 OF 15	X75-1010	H-26177
24. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS I.E.D. SH 8 OF 15	X75-1010	H-26177
25. UNIT 1 REACTOR BUILDING CHILLED WATER SYSTEM P&ID	1P65	H-11734
26. NUCLEAR BOILER SYSTEM P&ID (UNIT 2)	2B21-1010	H-26000 H-26001

REFERENCES

REFERENCE	MPL No.	SS No.
1. STANDBY GAS TREATMENT PROCESS FLOW & P. & I.D.	T46-1010	H-16020
2. DELTET SYMBOLS	A41-1010	S-15051
3. NUCLEAR BOILER SYSTEM P. & I.D. (UNIT 1)	B21-1010	H-16062 & H-16063 & H-16064
4. REACTOR BUILDING REFUELING FLOOR VENT SYSTEM P. & I.D.	D11-1010	H-16553 & H-16554
5. REACTOR BUILDING REFUELING FLOOR VENT SYSTEM P. & I.D.	T41-1060	H-16072
6. PLANT HEATING SYSTEM P. & I.D.	P61-1020	H-16286
7. PRIMARY CONTAMINATION ISOLATION SYSTEM	C61-1040	H-17801 H-17805
8. SET OF CONTACTS RESERVED FOR HATCH II INTERFACE	U41-1010	H-16037
9. REACT. BLDG. REFUELING FLOOR VENT SYS P. & I.D.	T41-1030	H-16014
10. RADWASTE BLDG. ADDITION VENT SYSTEM P. & I.D.	V41-1030	H-16512
11. RADWASTE BLDG. VENT P. & I.D. V41-1010	V41-1010	H-16008 H-16040 H-16006
12. REACT. BLDG. VENT P. & I.D. V41-1040	V41-1040	H-16006
13. SVCS PROCESS FLOW DA		

LICENSE RENEWAL DOCUMENT

MPL NO. T41-1050 ACAD14 HL16014

SOUTHERN COMPANY

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EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
 REACTOR BUILDING REFUELING FLOOR
 VENTILATION SYSTEM P. & I. D.

ISSUE	REVISED	DATE	BY
TRM	LOF	10-002	HL-16014
TRM	ASK	None	A

Revision: A Date: 12-30-99
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