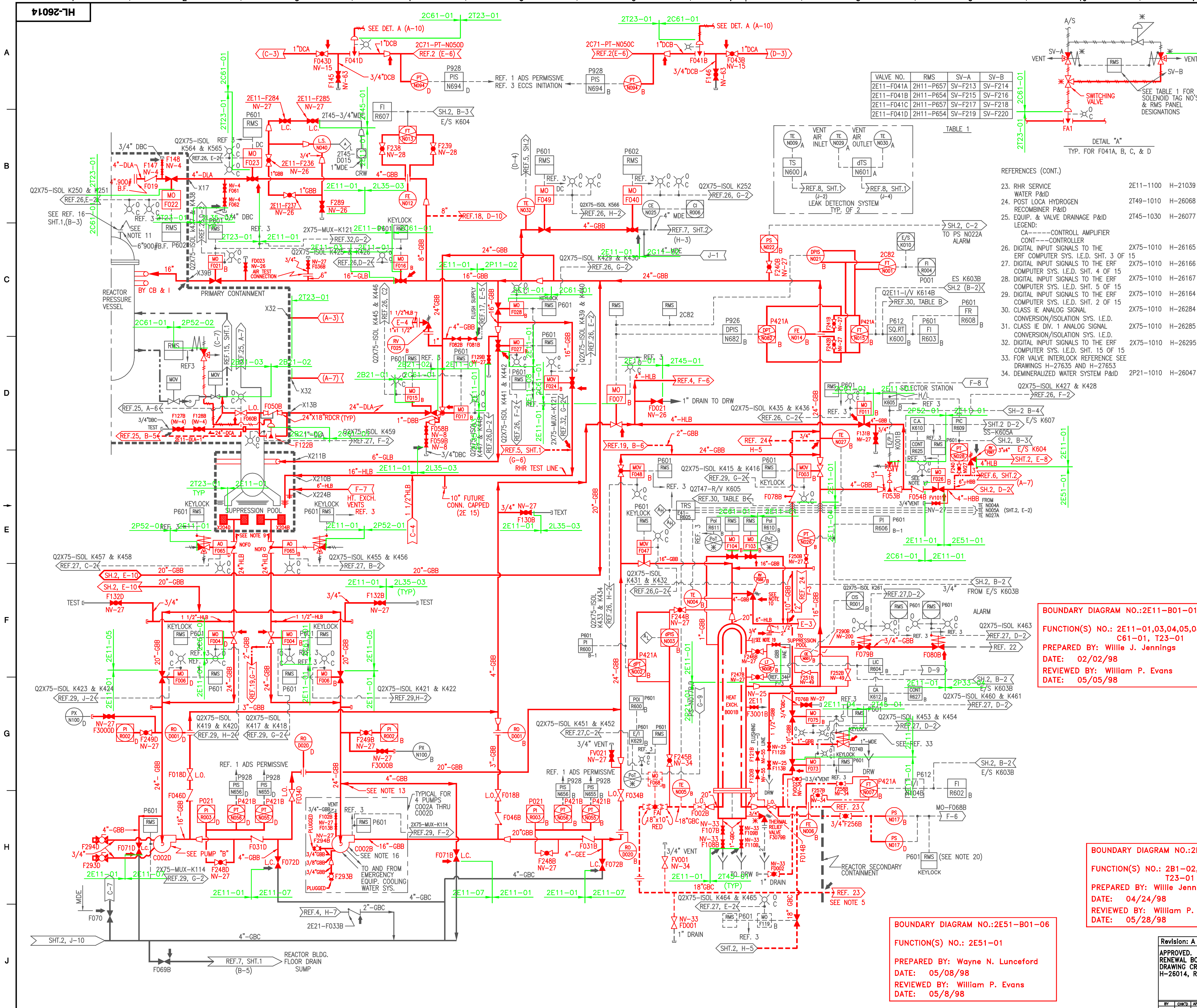

VALVE NO.	RMS	SV-A	SV-B
2E11-F041A	2H11-P657	SV-F213	SV-F214
2E11-F041B	2H11-P654	SV-F215	SV-F216
2E11-F041C	2H11-P657	SV-F217	SV-F218
2E11-F041D	2H11-P654	SV-F219	SV-F220

TABLE 1

REFERENCES (CONT.)

23. RHR SERVICE WATER P&ID	2E11-1100	H-21039
24. POST LOCA HYDROGEN RECOMBINER P&ID	2T49-1010	H-26068
25. EQUIP. & VALVE DRAINAGE P&ID LEGEND: CA-----CONTROLL AMPLIFIER CONT---CONTROLLER	2T45-1030	H-26077
26. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHT. 3 OF 15	2X75-1010	H-26165
27. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHT. 4 OF 15	2X75-1010	H-26166
28. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHT. 5 OF 15	2X75-1010	H-26167
29. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHT. 2 OF 15	2X75-1010	H-26164
30. CLASS IE ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	2X75-1010	H-26284
31. CLASS IE DIV. 1 ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	2X75-1010	H-26285
32. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHT. 15 OF 15	2X75-1010	H-26295
33. FOR VALVE INTERLOCK REFERENCE SEE DRAWINGS H-27635 AND H-27653		
34. DEMINERALIZED WATER SYSTEM P&ID	2P21-1010	H-26047

NOTES:

1. ALL EQUIPMENT AND INSTRUMENTS PREFIXED BY SYSTEM NUMBER 2E11 UNLESS OTHERWISE NOTED
2. INSTRUMENT LINE VALVING MUST COMPLY WITH INSTRUMENT PIPING STANDARDS REFERENCE 11.
3. ANY ADDITIONAL HIGH POINT VENTS AND LOW POINT DRAINS TO BE ADDED BY FIELD AS REQUIRED.
4. DELETED
5. DISCHARGE LINES FOR COOLING WATER TO BE ROUTED UPSTREAM OF SERVICE WATER RADIATION MONITORS.
6. ALL POSITION INDICATING LIGHTS ARE LOCATED IN CONTROL ROOM.
7. ALL MOTOR OPERATED VALVES ARE A.C. OPERATED UNLESS OTHERWISE NOTED.
8. ALL VENTS ARE 1/4" AND DRAINS 1" UNLESS OTHERWISE SPECIFIED.
9. VALVES AO F065 SHALL BE LOCATED A MAXIMUM OF 6' FROM THE NOZZLE OF THE TORUS WITH ADEQUATE CLEARANCES FOR OPERATION OF THE VALVE AND VALVE OPERATOR.
10. VALVES F025, F029 & F030 SHALL BE 1" THERMAL RELIEF VALVES. VALVES F097 & F055 SHALL BE RELIEF VALVES WITH PRESSURE SET POINTS OF 85 PSIG AND 450 PSIG RESPECTIVELY.
11. PIPING CONNECTED TO VESSEL HEAD MUST BE FLANGED TO FACILITATE VESSEL HEAD REMOVAL.
12. FOR LOCATION AND IDENTIFICATION OF INSTRUMENTS SEE INSTRUMENT DATA SHEET LISTED IN MPL FOR EACH INST.
13. DURING PLANT SHUTDOWN THE RHR SYS. PIPING SHALL BE DRAINED BACK TO THE SUPPRESSION POOL.
14. WHERE NV-NUMBERS ARE SHOWN, THE VALVES ARE TAGGED WITH THESE NUMBERS; WHERE NV-NUMBERS ARE NOT SHOWN, THE VALVES ARE TAGGED WITH THE MPL NUMBER.
15. VALVES ON H-26014 AND H-26015 ARE NUMBERED FD021 THRU FD040 FOR DRAIN VALVES FV021 THRU FV040 FOR VENT VALVES
16. 2E11-C002B LUBE OIL SAMPLE/DRAIN VALVE CONNECTIONS; F293B LOWER RESERVOIR, F294B UPPER RESERVOIR.
17. BREAKER IN CUBICLE 10A OF MCC 2R24-S012, RHR HEAT EXCHANGER TO RCIC VALVE, MOV 2E11-F026B, IS NORMALLY OPEN TO ENSURE THAT CIRCUITS EAE854C02 AND EAE854C04 ARE DEPOWERED DURING NORMAL OPERATIONS FOR APPENDIX 'R' CONCERNS.
18. BREAKER IN CUBICLE 09C OF MCC 2R24-S011, RHR HEAT EXCHANGER TO RCIC VALVE, MOV 2E11-F026A IS NORMALLY OPEN TO ENSURE THAT CIRCUITS EAE730C01 AND EAE730C02 ARE DEPOWERED DURING NORMAL OPERATIONS FOR APPENDIX R CONCERNS.
19. THERMAL RELIEF VALVES, 2E11-F3078A & B HAVE BEEN REMOVED AND REPLACED WITH BLIND FLANGES.
20. PRESSURE SWITCHES PS-N017A & B CAN BE OVERRIDDEN PRIOR TO STARTING RHRSW PUMP BY USING OVERRIDE SWITCH.

REFERENCE		MPL NO.	MPL NO.
1. NUCLEAR BOILER SYSTEM FCD		2B21-1030	S25154
2. REACTOR PROTECTION SYSTEM P&ID		2C71-1010	H-28001
3. RESIDUAL HEAT REMOVAL FCD		2E11-1030	
4. CORE SPRAY P&ID		2E21-1010	H-26018
5. HPCI SYSTEM P&ID	SHT 1	2E41-1010	H-26020
	SHT 2		H-26021
6. RCIC SYSTEM P&ID	SHT 1	2E51-1010	H-26023
	SHT 2		H-26024
7. RADWASTE SYSTEM P&ID	SHTS 1-7	2G11-1010	H-26026 – H-26032
8. REACTOR WATER CLEANUP SYS P&ID	SHT 1	2G31-1010	H-26036
	SHT 2	2G31-1010	H-26037
9. NUCLEAR BOILER LEAK DETECTION SYSTEM DESIGN SPEC.		2A61-4040	S25280
10. PIPING AND INSTRUMENT SYMBOLS		A42-1010	S15051
11. PROCESS INSTRUMENTATION & TUBING INSTALLATION SPECIFICATIONS		2A61-4070	S25323
12. RHR PROCESS DATA		2E11-1020	S25140
13. PLANT REQUIREMENTS		2A61-4020	S25706
14. FURN., FAB., DEL., ERECT. PIPING & PIPE SUPPORTS & SETTING OF MECH. EQUIP.			SS-2109-1
15. REACTOR RECIRC SYS P&ID	SHT 1	2B31-1010	H-26003
	SHT 2		H-26004
16. NUCLEAR BOILER SYS P&ID	SHT 1	2B21-1010	H-26000
	SHT 2		H-26001
17. REACTOR & RADWASTE BLDGS. CONDENSATE STORAGE & TRANSFER SYSTEM P&ID		2P11-1010	H-26046
18. FUEL POOL COOLING SYSTEM P&ID		2G41-1010	H-26039
19. JOCKEY PUMP SYS. P&ID & P.F.D. FOR THE R.H.R. & C.S. SYS.		2E21-1050	H-26019
20. MECH. PENETS. DRYWELL		(TABLE 1)	SS-2102-5
21. MECH. & ELECT. PENETS. SUPPRESSION CHAMBER		(TABLE 3)	SS-2102-5
22. PROCESS SAMPLING SYS. P&ID & PFD.		2P33-2010	H-26038

BOUNDARY DIAGRAM NO.:2E11-B01-01
FUNCTION(S) NO.: 2E11-01,03,04,05,08, C61-01, T23-01
PREPARED BY: Willie J. Jennings
DATE: 02/02/98
REVIEWED BY: William P. Evans
DATE: 05/05/98

BOUNDARY DIAGRAM NO.:2B21-B02-08
FUNCTION(S) NO.: 2B1-02, C61-01, T23-01
PREPARED BY: Willie Jennings
DATE: 04/24/98
REVIEWED BY: William P. Evans
DATE: 05/28/98

BOUNDARY DIAGRAM NO.:2E51-B01-06
FUNCTION(S) NO.: 2E51-01
PREPARED BY: Wayne N. Lunceford
DATE: 05/08/98
REVIEWED BY: William P. Evans
DATE: 05/8/98

LICENSE RENEWAL DOCUMENT

MPL NO. 2E11-1010 | ACAD14 | HL26014

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING
FOR INFORMATION ONLY

Revision: A | Date: 11-16-99

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BY	CHK'D	APPR.1
TRM	RLM	ASK

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 2
R.H.R. SYSTEM
P.&I.D. SHEET 1

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-26014	A
DATE	SCALE			
	None			