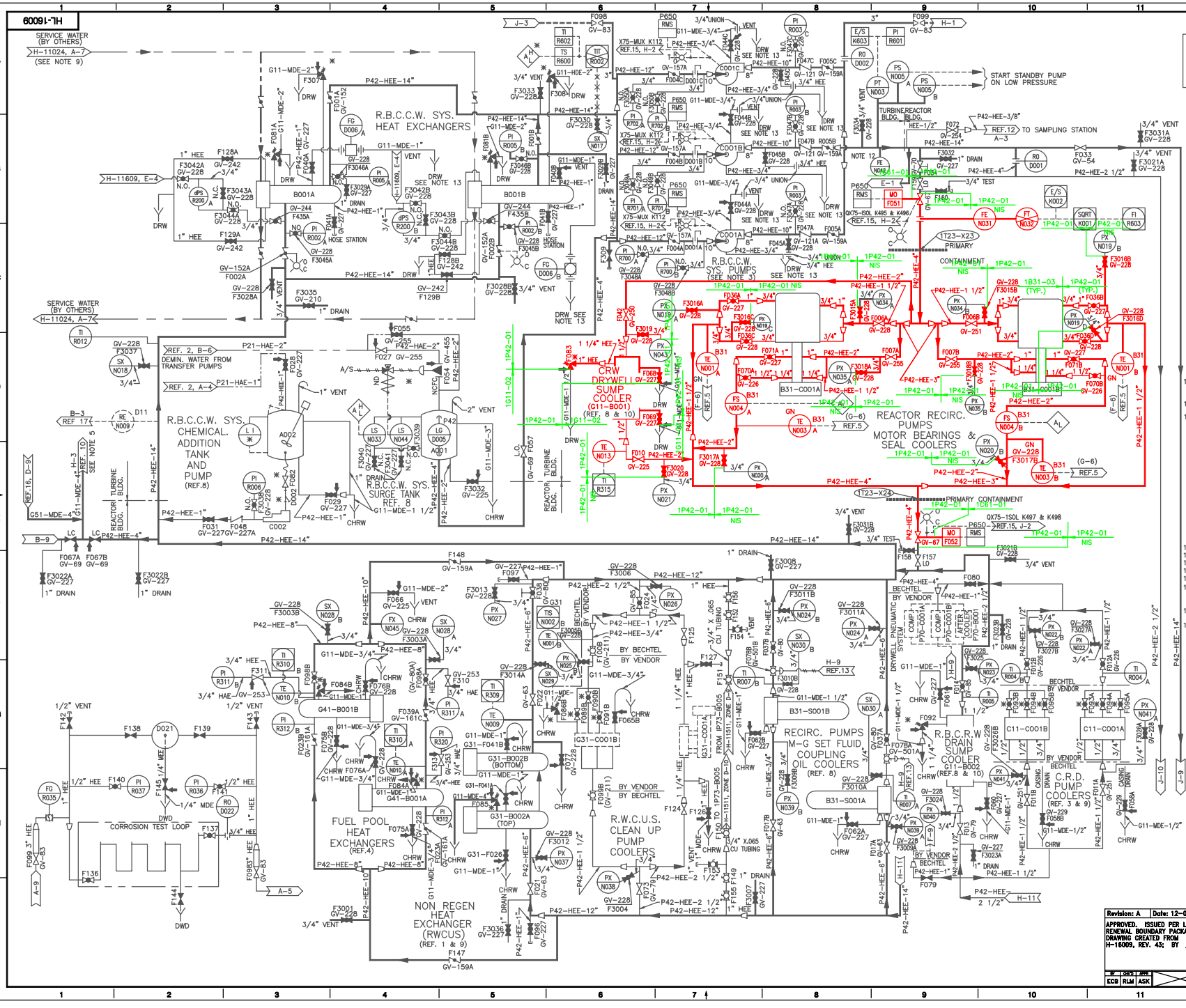
HL-16009



ALL EQUIPMENT IS LOCATED INSIDE THE REACTOR BUILDING EXCEPT FOR THE RBCCW SYS. HT. EXCH. (ITEM NO. P42-B001 A,B) AND THE RBCCW SYS. PUMPS (ITEM NO. P42-C001 A,B,C)

NOTES

1. ALL ITEM NUMBERS ARE TO BE PREFIXED BY P42 TO COMPLETE MPL LISTING UNLESS SHOWN OTHERWISE.
2. PIPING VENTS & DRAINS ARE TO BE ADDED LATER AT ALL PIPING HIGH POINTS & LOW POINTS AS REQUIRED.
3. PUMP CONNECTION SIZES WILL BE SPECIFIED BY THE PUMP MANUFACTURER.
4. VALVES F001, F002, F005, F033, F034, F037, F024, AND F038 SHALL BE LOCATED IN AN AREA THAT IS ACCESSIBLE DURING NORMAL PLANT OPERATION. HANDWHEELS FOR VALVES F039A, B SHALL BE ACCESSIBLE DURING NORMAL PLANT OPERATION ALSO.
5. LINE ROUTED TO WASTE SURGE TANK MAY BE CONNECTED TO RHR SYS DRAIN LINE.
6. ALL ALARMS AND INDICATING LIGHTS ARE LOCATED IN THE MAIN CONTROL ROOM.
7. SAMPLE COOLERS WILL BE ADDED LATER AS REQUIRED.
8. ✱ ANNUNCIATORS LOCATED ON MAIN CONTROL ROOM PANEL A.
9. THE SERVICE WATER PRESSURE AT THE DISCHARGE OF THE HEAT EXCHANGERS MUST BE 6 PSI (MIN.) HIGHER THAN THE RBCCW INLET PRESSURE AT THE HEAT EXCHANGERS. THE INSTRUMENTATION FOR THE SERVICE WATER IS BY OTHERS.
11. WHERE GV-NO'S ARE SHOWN THE VALVES ARE TAGGED WITH THESE NO'S. WHERE GV-NO'S ARE NOT SHOWN THE VALVES ARE TAGGED WITH THE MPL NO.
12. THIS ITEM ORDERED BY SSI.
13. UNLESS OTHERWISE INDICATED, DRAINS SHALL BE CONVEYED TO CHRW.

REFERENCES

REFERENCES	MPL ITEM NO.	S.S. DWG. NO.
1. P&ID CLEAN-UP SYS.	G31-1010	H-16188
2. P&ID DEMIN. WATER SYS	P21-1010	H-16015
3. P&ID CRD. SYS	C11-1010	H-16065
4. P&ID FUEL POOL COOLING SYS.	G41-1010	H-16002
5. P&ID RECIRC. SYS SHEET 1	B31-1010	H-16066
6. P&ID PLANT SERVICE WATER SYS.–TURBINE BLDG.		H-11024
7. P&ID PROCESS RAD.MON. SHT 1	D11-1010	H-16563
8. DESIGN RECOMMENDATIONS	22A1304(G.E.NO.)	
9. PLANT REQUIREMENTS	A61-4020	S-17109
10. P&ID RADWASTE SYS	G11-1010	H-16177
11. PIPING & INSTRUMENT SYMBOLS	A41-1010	S-15051
12. SAMPLE SYS. P&ID & P.F.D.	P33-1010	H-16281
13. MG SETS LUBE OIL SYST P&ID	N34-1010	H-16076
14. DRYWELL PNEUMATIC SYS.	P70-1010	H-16286
15. DIGITAL INPUT SIGANLS TO THE ERF COMPUTER SYSTEM I.E.D. SH. 7 OF 15	X75-1010	H-16409
16. TORUS DRAINAGE & PURIFICATION SYSTEM P&ID AND P.F.D.	G51-1010/1020	H-16135
17. PROCESS RADIATION MONITORING SYSTEM P&ID SHT. 2	D11-1010	H-16564

BOUNDARY DIAGRAM NO.:1P42-B01-01
FUNCTION(S) NO.: 1P42-01
1C61-01
PREPARED BY: WAYNE N. LUNCEFORD
DATE: 08-06-98
REVIEWED BY: BILL EVANS
DATE: 10-12-98

LICENSE RENEWAL DOCUMENT

MPL NO. P42-1010 | ACAD14 | HL16009

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
REACTOR BLDG.
CLOSED COOLING WATER SYSTEM
P&ID

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
ECB	LCF	10-502	HL-16009	A
DATE	SCALE			
	None			

Revision: A	Date: 12-06-99

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BY	DWN	APPR
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