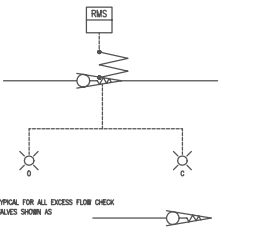


**BOUNDARY DIAGRAM NO.:1P42-B01-02**  
**FUNCTION(S) NO.: 1P42-01**  
**PREPARED BY: WAYNE LUNCFORD**  
**DATE: 8/6/98**  
**REVIEWED BY: WILLIAM P EVANS**  
**DATE: 10/12/98**



REFERENCES

1. NUCLEAR BOILER SYSTEM P&ID	SHT 1	B21-1010	H-16062
2. NUCLEAR BOILER SYSTEM P&ID	SHT 2	B21-1020	H-16063
3. REACTOR HEAT RECOVERY SYSTEM P&ID	SHT 2	E11-1020	S2104
4. REACTOR HEAT RECOVERY SYSTEM P&ID	SHT 2	E11-1030	S2105
5. REACTOR HEAT RECOVERY SYSTEM P&ID	SHT 2	E11-1040	S2106
6. REACTOR HEAT RECOVERY SYSTEM P&ID	SHT 2	E11-1050	S2107
7. REACTOR HEAT RECOVERY SYSTEM P&ID	SHT 2	E11-1060	S2108
8. REACTOR HEAT RECOVERY SYSTEM P&ID	SHT 2	E11-1070	S2109
9. DELETED			
10. REACTOR WATER CLEAN-UP SYSTEM P&ID	SHT 1	G21-1010	H-16100
11. PIPING AND INSTRUMENTATION SYMBOLS		A01-1010	H-16001
12. PRESSURE REDIFFUSION OF THERMOPHYSICAL PROPERTY		A01-4030	S2212
13. PROCESS INSTRUMENTATION OF PIPING AND TUBING INSTALLATION SPECIFICATION		A01-4070	S2533
14. ROOMWATER SYSTEM P&ID	SHTS 1-7	G11-1010	H-16176
15. CONTROL ROOM DRIVE HYD SYSTEM P&ID		C11-1010	H-16065
16. P&ID OF P&ID			H-16066
17. REACTOR P&ID			H-16067
18. REACTOR P&ID			H-16068
19. REACTOR P&ID			H-16069
20. REACTOR P&ID			H-16070
21. DATA ACQUISITION CHART, EXP. ANALOG SIGNALS TO CPU		X75-P001	S2316
22. DATA ACQUISITION CHART, EXP. ANALOG SIGNALS TO CPU		X75-P002	S2317
23. DIGITAL INPUT SIGNALS TO THE CPU		X75-1010	H-16403
24. P&ID - HYDROGEN WATER CHEMISTRY CHECK ARREST VERIFICATION SYSTEM			H-15111

- NOTES
1. ALL EQUIPMENT AND INSTRUMENTS ARE PROVIDED BY SYSTEM NO. B31 UNLESS OTHERWISE NOTED.
  2. RECIRCULATION LOOP ENCLOSED IN BOX SHALL HAVE PART NUMBERS CORRESPONDING TO ITS RESPECTIVE LINE OR LOOP NUMBER UNLESS OTHERWISE NOTED.  
EXAMPLE: X00B IS ON LINE B.
  3. INSTRUMENT LINE NUMBER MUST COMPLY WITH INSTRUMENT PIPING STANDARDS REF. 13.
  4. DECONTAMINATION CONNECTION TO BE READILY ACCESSIBLE FOR CONNEXION & DISCONNECTION OF TEMPORARY PIPING.
  5. WHERE G-NUMBERS ARE USED, THE VALUES WILL BE TAGGED WITH THESE NUMBERS. WHERE G-NUMBERS ARE NOT USED, THE VALUES WILL BE TAGGED WITH THE MP NUMBER.
  6. CLOSED COOLING WATER SYSTEM TO AND FROM THE RECIRCULATION PUMP SHALL BE CAPABLE OF CONTINUOUS OPERATION DURING PERIODS OF SPINOFF ISOLATION.
  7. WHERE THERMOCOUPLES FOR PUMP & MOTORS ARE DESIGNATED A<sub>1</sub>, A<sub>2</sub>, ETC. AS A SPARE ELEMENT.
  8. LIST OF PUMP & MOTOR AUXILIARY INSTRUMENTATION (FOR USE SET IT'S SEE ISOLATION ON SHT. 2A-101)
  9. MOTOR BEARING OIL LEVEL SWITCH
  10. MOTOR BEARING OIL HIGH LEVEL SWITCH
  11. MOTOR BEARING OIL LOW LEVEL SWITCH
  12. MOTOR WINDING TEMP
  13. MOTOR WINDING OIL LEVEL SWITCH
  14. MOTOR WINDING OIL HIGH LEVEL SWITCH
  15. MOTOR WINDING OIL LOW LEVEL SWITCH
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  99. MOTOR WINDING OIL LOW LEVEL SWITCH
  100. MOTOR WINDING OIL LOW LEVEL SWITCH

**BOUNDARY DIAGRAM NO.:1B21-B02-05**  
**FUNCTION(S) NO.: 1B21-02, 04**  
**PREPARED BY: WILLIE JENNINGS**  
**DATE: 4/22/98**  
**REVIEWED BY: WILLIAM P EVANS**  
**DATE: 5/28/98**

**BOUNDARY DIAGRAM NO.:1B31-B02-01**  
**FUNCTION(S) NO.: 1B31-03**  
**PREPARED BY: Willie Jennings**  
**DATE: 07/06/98**  
**REVIEWED BY: William P. Evans**  
**DATE: 07/07/98**

**BOUNDARY DIAGRAM NO.:1B11-B01-003**  
**FUNCTION(S) NO.: 1B11-01**  
**PREPARED BY: WILLIAM P EVANS**  
**DATE: 7/1/98**  
**REVIEWED BY: WILLIE JENNINGS**  
**DATE: 7/7/98**

PRESSURE TEMPERATURE INDEX

P-T INDEX	DESIGN	FEW	MIN	
INDEX	PSIG	T	F	
1	1150	542	1375	542
2	1325	542	1566	542
3	1160	542	1375	542
4	130	212		
5	1750	150		

**LICENSE RENEWAL DOCUMENT**  
 MPL NO. B31-1010 ACAD14 HL16066

**SOUTHERN COMPANY**

**LICENSE RENEWAL SCREENING FOR INFORMATION ONLY**

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1  
 RECIRCULATION SYSTEM  
 F. & I. D.

ISSUE	REVISION	LOCATION	EQUIPMENT NUMBER	REASON
TRM	1	LOC	10-502	HL-16066
ASK		SIZE	None	A

Revisions: A Date: 12-30-99  
 APPROVED: ISSUED FOR LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-16066, REV.35; BY JDM.