



- ALL EQUIPMENT SHOWN IS LOCATED INSIDE THE REACTOR BUILDING
- * FURNISHED WITH ASSOCIATED EQUIPMENT.
- NOTES**
1. ALL ITEM NUMBERS ARE TO BE PREFIXED BY P41 TO COMPLETE MPL LISTING UNLESS SHOWN OTHERWISE.
 2. SPRING VENTS AND DRAINS ARE TO BE ADDED LATER AT ALL PIPING HIGH POINTS AND LOW POINTS AS REQUIRED.
 3. ALL INDICATING LIGHTS FOR VALVES ARE TO BE LOCATED IN THE MAIN CONTROL ROOM.
 4. SOLENOID DE-ENERGIZED OR ENERGIZED ON RESPECTIVE FAN OPERATION TO OPEN OR CLOSE THE AIR OPERATED VALVE.
 5. SOLENOID DE-ENERGIZED OR ENERGIZED ON RESPECTIVE PUMP OPERATION TO OPEN OR CLOSE THE AIR OPERATED VALVE.
 6. ALL VALVES SHALL BE CAPABLE OF OPERATING ON EMER. POWER UNLESS OTHERWISE INDICATED.
 7. VALVES F070 (A & B) AND F080 TO BE LOCKED SHUT UNTIL LOCAL H₂ REMOVAL SYSTEM IS INSTALLED. THE ENDS WILL BE GAPPED AND SEAL WELDED ABOVE EL. 203'-0".
 10. Δ P ACROSS FLOWMETER IS NOT TO EXCEED 3 PSI.
 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 S.S.I.
 13. VALVES IP41-F033A & IP41-F034A HAVE INTERNALS REMOVED.

REFERENCES

REFERENCES	MPL ITEM NO	S.S.I. DWG NO
1. P.&I.D. R.H.R. SYS SH 1	E11-1010	H-16329
2. PLANT REQUIREMENTS	A61-4020	S6900-1
4. P.&I.D. DRYWELL COOLING	147-1010	H-18007
5. P.&I.D. SAFEGUARDING EQUIP. EMER. ROOM COOLERS	141-1010	H-16023
6. PIPING & INSTRUMENT SYMBOLS	A41-1010	S-15051
7. F.I.D. REACTOR REACTOR SYS.	B31-1020	S-15207
8. PIPING SPEC. (CLASS SUMMARY SHEETS)		S6900-1
9. P.&I.D. PLANT SERVICE WATER SYSTEM		H-11803
10. P.&I.D. PLANT SERVICE WATER PIPING SHEET #1		H-11024
11. LOCAL H ₂ REMOVAL SYS.	T49-1010	H-16277
12. P.&I.D. FUEL POOL COOLING SYS.	G41-1010	H-16002
13. SAMPLING SYS. P.&I.D. & P.F.D.	P33-1010	H-16281
14. NITROGEN INERTING SYS.	T48-1010	H-16000
15. PRIMARY CMT. ATMS. H ₂	P33-1010	H-16280
16. FIRE PROT. P.&I.D.	Z41-1010	H-16009
17. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SH. 7 OF 15	X75-1010	H-16409

BOUNDARY DIAGRAM NO.: IP41-B01-05
FUNCTION(S) NO.: 1P41-01
 PREPARED BY: BO ROSBERG
 DATE: 1/12/98
 REVIEWED BY: ALEX MORRISON
 DATE: 2/12/98

LICENSE RENEWAL DOCUMENT
 MPL NO. P41-1010 (LVN-F122) ACAD14 HL16011

SOUTHERN COMPANY
LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT NO. 1
 REACTOR BUILDING SERVICE WATER SYSTEM P & ID

Revised: A Date: 12-29-99
 APPROVED: ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-16011, REV.39; BY JTM.

DATE	REVISION	LOCATION	EQUIPMENT NUMBER	RECORD
10-502	10-502	10-502	HL-16011	A