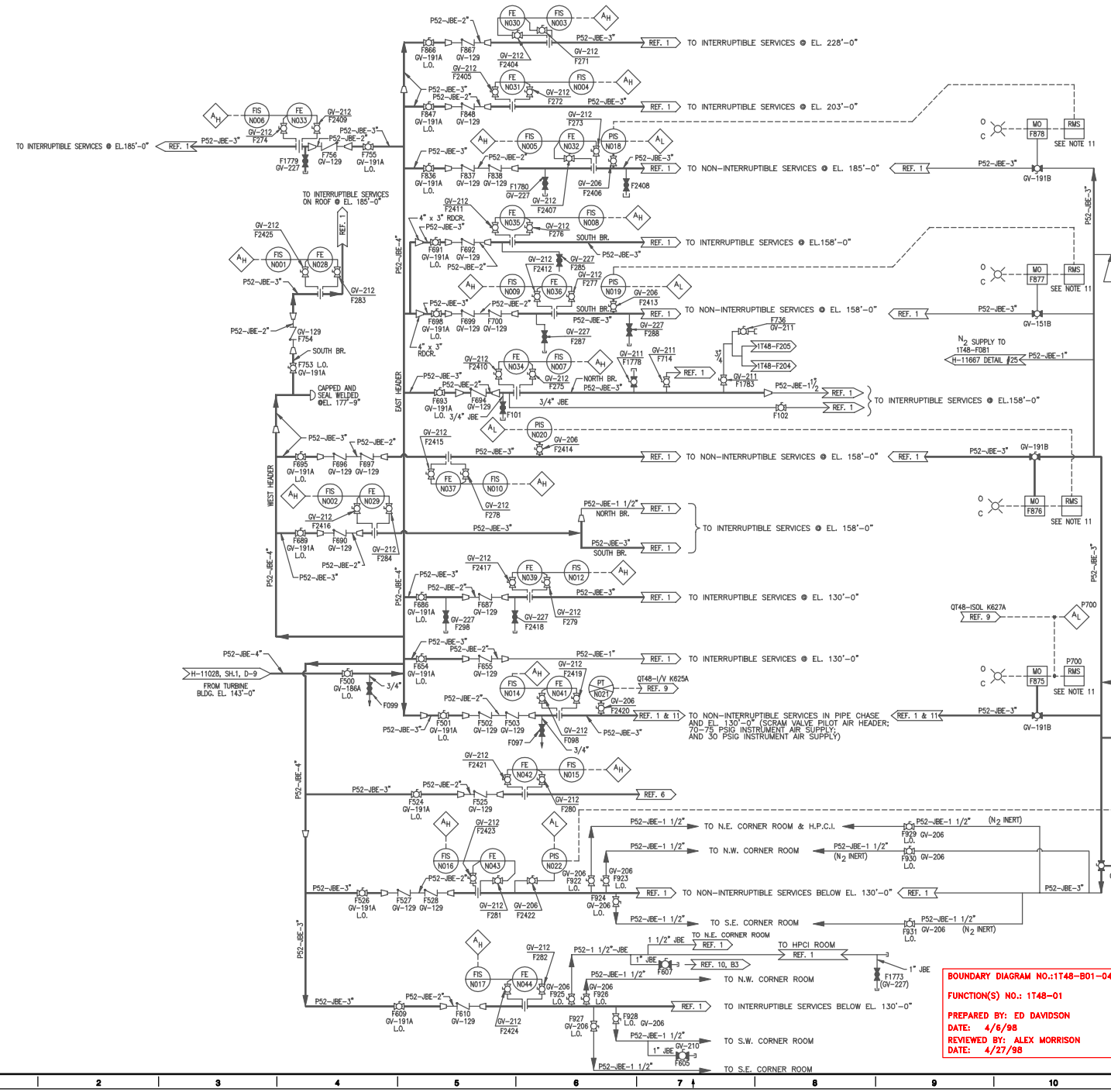
HL-16239



NOTES

1. ALL EQUIPMENT AND INSTRUMENT NUMBERS ON THIS DRAWING ARE PRECEDED BY MPL P52 UNLESS OTHERWISE NOTED. EXAMPLE: P52-F500.
2. ALL CHECK VALVES ARE SPRING LOADED LIFT CHECKS WITH HARD SEAT & SOFT DISC INSERT, WITH 1/2 LB. CRACKING PRESSURE.
3. ANNUNCIATORS FOR HIGH FLOW ALARMS & LOW PRESSURE ALARMS ARE LOCATED IN THE MAIN CONTROL ROOM.
4. IF AIR IS NOT AVAILABLE FROM THE COMPRESSORS, THE AIR RECEIVERS WILL SUPPLY AIR TO EVOLVE THE NON-INTERRUPTIBLE SERVICE VALVES TO MAKE UP VALVE AIR-OPERATOR LEAKAGE, & PROVIDE A MOTIVE AIR SOURCE.
5. LOW POINT DRAINS TO BE ADDED AS DETERMINED BY PHYSICAL ROUTING OF THE SYSTEM.
6. ALL INTERRUPTIBLE SERVICE VALVES ARE CONNECTED TO THE ASSOCIATED MAIN AS SHOWN IN DETAIL NO. 3.
7. PIPE OR TUBE DOWNSTREAM OF THE SPEC. CHANGE SHALL CONFORM TO SHEET 604 OF DWG. # A-11000 WHERE NOTED.
8. ALL LETTERS (A,B,C & D) & A.R. NUMBERS TO BE FOUND ON TABLE DWG. H-16251.
9. ITEM REFERRING TO THIS NOTE SHALL BE CONNECTED TO THE ADJACENT INTERRUPTIBLE AIR HEADER BY DETAIL NO. 3 OR 24 ON THIS P&ID.
10. 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.
11. MOTOR OPERATED VALVES ON NITROGEN BACK-UP SUPPLY LINES OPEN ON NON-INTERRUPTIBLE INST. AIR HEADER LOW PRESSURE.
12. FOR DETAILED INSTRUMENT AIR ROUTING SEE DWG. H-11668.
13. LOCATIONS & NUMBER OF UNIONS VARY. SEE AS BUILT (ISOMETRIC) DWGS. FOR DETAILS.
14. ALTHOUGH NOT A DESIGN REQUIREMENT, THESE VALVES ARE CONNECTED TO AND SUPLIED BY A NON-INTERRUPTABLE AIR SUPPLY.

REFERENCES

REFERENCE	MPL. NO.	S.S. NO.
1. REACTOR BLDG. INSTRUMENT AIR SYSTEM TABLES	P52-1020	H-16251 (SH. 1) H-11667 (SH. 2)
2. PIPING & INSTRUMENT SYMBOLS	A41-1010	S-15051
3. PLANT INSTRUMENT AIR SYSTEM DIAGRAM	P52-1010	H-11028
4. REACTOR BLDG. FLOOR & EQUIP. DRAINAGE DIAGRAM	T45-1020	H-16018
5. NITROGEN INERTING SYS.	T48-1010	H-16000
6. DRYWELL PNEUMATIC SYS.	P70-1010	H-16286
7. INSTRUMENT INSTALLATION DETAILS		A-16237
8. PRIMARY CONTAINMENT ATMOSPHERE H_2 & O_2 ANALYZER SYSTEM P.&I.D.	P33-1010	H-16280
9. MISC. AIR INSTRUMENT SERVICE SYSTEM P51 AND P52 ELEMENTARY DIAGRAM.		H-17092
10. TORUS DRAINAGE AND PURIFICATION SYSTEM P.&I.D. AND P.F.D.	G51-1010 G51-1020	H-16135
11. CONTROL ROD DRIVE SYSTEM P&ID SHEET 2	C11-1010	H-16065

LICENSE RENEWAL DOCUMENT

MPL NO. P52-1020 | ACAD14 | HL16239

SOUTHERN COMPANY

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EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
REACTOR BUILDING
INSTRUMENT AIR SYSTEM P.&I.D.

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-16239	A
TRM	SCALE None			

BY	CHK'D	APPR'D
TRM	EPD	ASK

Revision: A | Date: 12-29-99

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REVIEWED BY: ALEX MORRISON
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