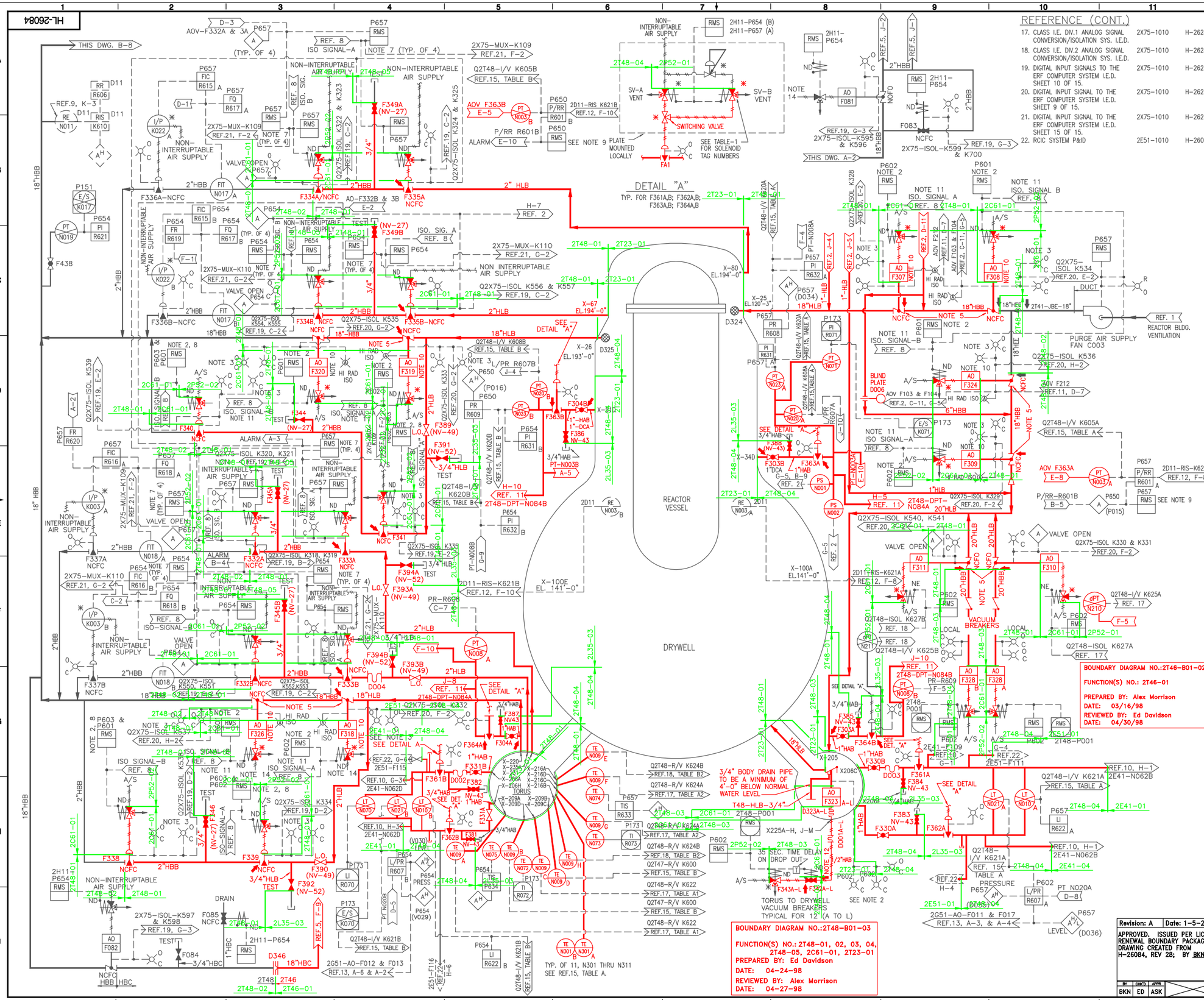
HL-26084



REFERENCE (CONT.)

17.	CLASS I.E. DIV.1 ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	2X75-1010	H-26285
18.	CLASS I.E. DIV.2 ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	2X75-1010	H-26286
19.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 10 OF 15.	2X75-1010	H-26278
20.	DIGITAL INPUT SIGNAL TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 9 OF 15.	2X75-1010	H-26277
21.	DIGITAL INPUT SIGNAL TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 15 OF 15.	2X75-1010	H-26295
22.	RCIC SYSTEM P&ID	2E51-1010	H-26023

TABLE-1

VALVE TAG NO.	SV-A	SV-B
2T48-F361A	2T48-F365	2T48-F360
2T48-F361B	2T48-F367	2T48-F368
2T48-F362A	2T48-F369	2T48-F370
2T48-F362B	2T48-F371	2T48-F372
2T48-F363A	2T48-F373	2T48-F374
2T48-F363B	2T48-F375	2T48-F376
2T48-F364A	2T48-F377	2T48-F378
2T48-F364B	2T48-F379	2T48-F380

NOTES

1. EQUIPMENT AND INSTRUMENT NOS. ON THIS DWG. PRECEDED BY 2T48; EXAMPLE: 2T48-C003 EXCEPT AS INDICATED. SEE NOTES 2 & 3.
2. SWITCHES AND LIGHTS INDICATED BY THIS NOTE ARE PART OF THE P.C.I.S. SYSTEM (PRIMARY CONTAINMENT ISOLATION SYSTEM) MPL 2C61 AND ARE MOUNTED ON BENCHBOARDS 2H11-P601 OR 2H11-P602.
3. INDICATING LIGHTS LOCATED ON GRAPHIC DISPLAY ON BENCHBOARD.
4. DELETED
5. 1 LEAKOFF CONNECTION ON VALVE TO BE USED FOR LOCAL LEAK RATE TESTING.
6. VALVES ON THIS DWG. ARE NUMBERED FD021 THRU FD040 FOR DRAIN VALVES FV021 THRU FV040 FOR VENT VALVES
7. BYPASS PERMISSIVE KEYLOCK SWITCHES, ONE FOR EACH OF THE FOLLOWING P.C.I.S. SIGNALS;
   A. HIGH DRYWELL PRESSURE
   B. LOW R.P.V. LEVEL
   C. REACTOR BUILDING HIGH RADIATION
   D. REFUELING FLOOR HIGH RADIATION
8. VALVE ISOLATES ON HIGH MAIN STEAM LINE PRESSURE. BYPASS PERMISSIVE KEYLOCK SWITCH OVERRIDES MAIN STEAM LINE SIGNAL ONLY AND ARE MOUNTED ON BENCHBOARD 2H11-P603.
9. AUTO/MANUAL CHART SPEED 1"/15"/HOUR SELECTOR.
10. VALVES 2T48-F307, F308, F309, F318, F319, F320, F324 & F326 AIR OPERATORS MECHANICALLY LIMIT VALVE TRAVEL TO 50 DEGREES OPEN.
11. ISOLATION SIGNAL ON HIGH DRYWELL PRESSURE, LOW RPV LEVEL, REACTOR BUILDING HIGH RADIATION, REFUELING FLOOR HIGH RADIATION OR DRYWELL HIGH RADIATION. (FOR VALVES 2T48-F307, F308, F309, F318, F319, F320, F324 & F326)
12. VALVES 2T48-F342A THRU L SHALL BE INSTALLED SUCH THAT THE VALVE BODY FLOW ARROW INDICATES FLOW FROM THE TORUS TO VALVES 2T48-F343A THRU L.
13. VALVES 2T48-F307 AND 2T48-F308 SHALL BE INSTALLED IN THE PIPELINE SUCH THAT THE FLAT FACE OF THE VALVE DISC IS FACING THE DRYWELL. VALVES 2T48-F309 AND 2T48-F324 SHALL BE INSTALLED IN THE PIPELINE SUCH THAT THE FLAT FACE OF THE VALVE DISC IS FACING THE TORUS. VALVES 2T48-F310 AND 2T48-F311 SHALL BE INSTALLED IN THE PIPELINE SUCH THAT THE FLAT FACE OF THE VALVE DISC IS FACING THE TORUS. THE FLOW ARROWS ON 2T48-F307, 2T48-F308, 2T48-F309, 2T48-F310, 2T48-F311 AND 2T48-F324 MAY BE DISREGARDED. THE "STOP" INTERNAL TO THE VALVE BODY SHALL BE ON THE SIDE FACING THE DRYWELL OR TORUS.
14. NON-INTERRUPTABLE AIR SUPPLY.

REFERENCES

REFERENCE	MPL NO	S.S. NO.
1. REACTOR BUILDING VENTILATION FLOW DIAG.	2T41-1020	H-26069 & 70
2. NITROGEN INERTING SYSTEM P&ID.	2T48-1010	H-26083
3. PIPING & INSTRUMENT SYMBOLS.	A42-1010	S15051
4. R.H.R. SYS. P&ID.	2E11-1010	H-26014 & 15
5. STANDBY GAS TREATMENT SYSTEM.	2T46-1010	H-26078
6. REACTOR BUILDING VENTILATION P&ID.	2T41-1010	H-26067 & 68
7. PRIMARY CONTAINMENT COOLING SYSTEM P&ID.	2T47-1010	H-26074
8. PRIMARY CONTAINMENT ISOLATION SYSTEM.	2C61-1040	H-27596 THRU H-27598
9. PROCESS RADIATION MONITORING SYSTEM.	2D11-1010	H-26011 H-26012
10. HPCI SYS. P&ID.	2E41-1010	H-26020 H-26021
11. DRYWELL TO TORUS DIFFERENTIAL PRESSURE SYS., P&ID	2T48-1030	H-26079
12. FISSION PRODUCTS/POST-LOCA MONITORING SYSTEM P&ID	2D11-1010	H-26017
13. TORUS DRAINAGE & PURIFICATION SYSTEM P&ID & PFD	2G51-1010/1020	H-26042
14. NUCLEAR BOILER SYSTEM P&ID SHEET 2	2B21-1010	H-26001
15. CLASS IE ANALOG SIGNAL CONVERSION/ISOLATION SYSTEM IED	2X75-1010	H-26284
16. DELETED		

LICENSE RENEWAL DOCUMENT

MPL NO. 2T48-1020 | ACAD14 | HL26084

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
PRIMARY CONTAINMENT PURGE & INERTING SYSTEM P&ID.

Revision: A	Date: 1-5-2000
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