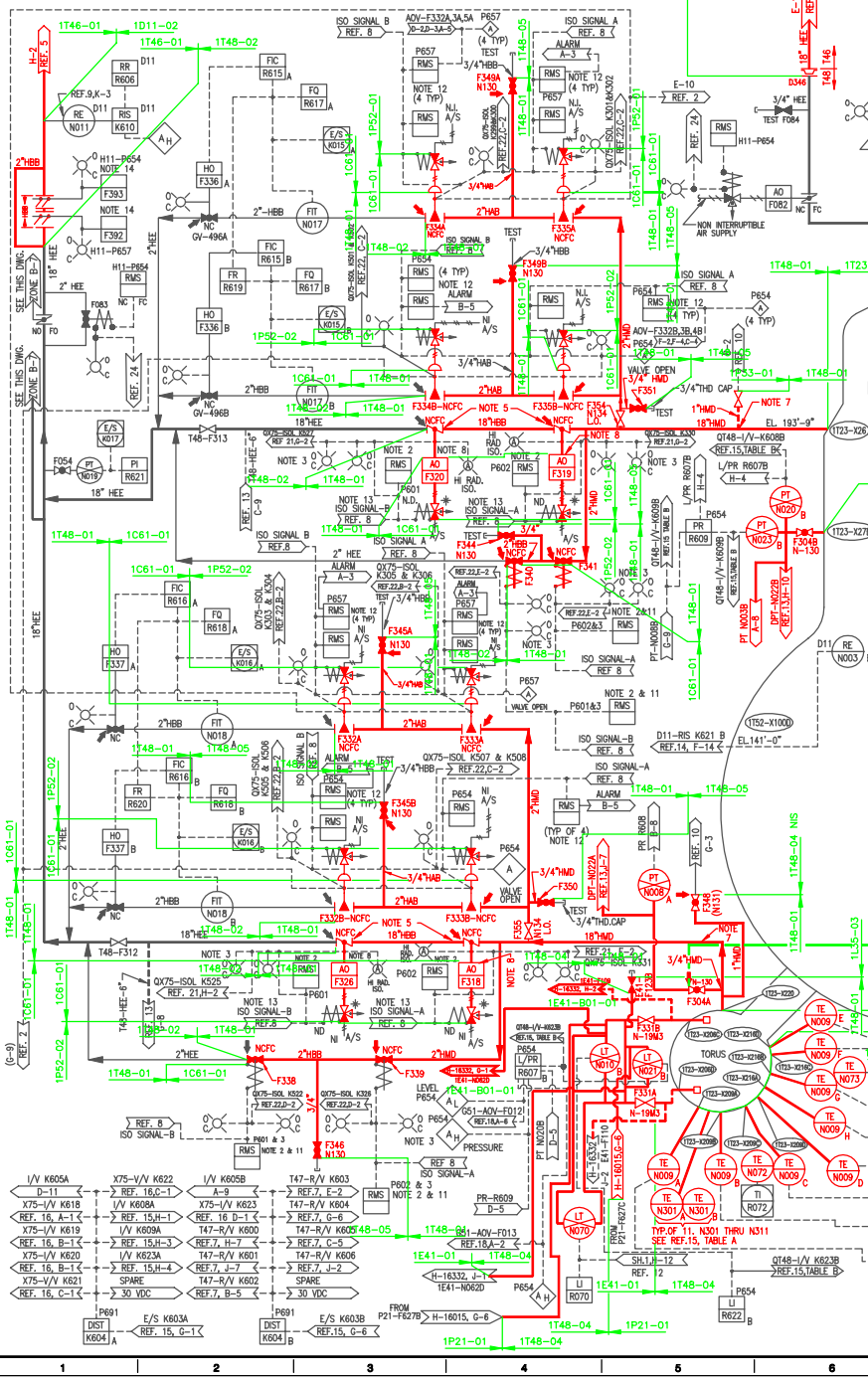
HL-16024



BOUNDARY DIAGRAM NO.: 1T48-B01-02

FUNCTION(S) NO.: 1T48-01, 1T48-02
1T48-03, 1T48-04
1T48-05, 1C61-01
1T23-01

PREPARED BY: ED DAVIDSON
DATE: 4/20/98
REVIEWED BY: ALEX MORRISON
DATE: 4/27/98

NOTES

1. EQUIPMENT AND INSTRUMENT NOS. ON THIS DWG. PRECEDED BY THE T48: EXAMPLE: T48-C003 EXCEPT AS INDICATED. SEE NOTES 2 & 3.
2. SWITCHES AND LIGHTS INDICATED BY THIS NOTE ARE PART OF THE P.C.I.S. (PRIMARY CONTAINMENT ISOLATION SYSTEM) MPL C61 AND ARE MOUNTED ON BENCHBOARD H11-P601 & H11-P602.
3. INDICATING LIGHTS LOCATED ON GRAPHIC DISPLAY ON BENCHBOARD H11-P601.
4. TEMPERATURE ELEMENTS ARE INPUT TO A RECORDER SHOWN ON REF. 7.
5. 1" LEAKOFF CONNECTION ON VALVE TO BE USED FOR LOCAL LEAK RATE TESTING.
6. 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.
7. SAMPLE POINT CONNECTION ON VENT PURGE OUTLET LINE IS TO BE LOCATED AS CLOSE TO THE TORUS AND DRYWELL AS POSSIBLE; PROBABLY AT THE BOTTOM OF THE 20"x18" REDUCER ON THE DRYWELL SIDE OF THE LINE.
8. VALVE TRAVEL LIMITED TO 50° OPEN
9. ALL CAPS FOR TEST CONNECTIONS SHALL BE THREADED CAPS.
10. AUTO/MANUAL CHART SPEED 1"-15"/HOUR SELECTOR.
11. VALVE ISOLATES ON HIGH MAIN STEAM LINE PRESSURE. BYPASS PERMISSIVE KEYLOCK SWITCH OVER-RIDES MAIN STEAM LINE ONLY AND IS MOUNTED ON BENCHBOARD H11-P603.
12. BY-PASS PERMISSIVE KEYLOCK SWITCHES, ONE FOR EACH OF THE FOLLOWING P.C.I.S. SIGNALS:
    A. HIGH DRYWELL PRESSURE
    B. LOW RPV LEVEL
    C. REACTOR BUILDING HIGH RADIATION
    D. REFUELING FLOOR HIGH RADIATION
13. ISOLATION SIGNAL ON HIGH DRYWELL PRESSURE, RPV LOW LEVEL 3, REACTOR BUILDING HIGH RADIATION, REFUELING FLOOR HIGH RADIATION OR DRYWELL HIGH RADIATION. (FOR VALVES T48-F307, F308, F309, F318, F319, F320, F324 & F326).
14. EXCESS FLOW ISOLATION DAMPERS

REFERENCES

	REFERENCE	MPL NO.	S.S. NO.
1.	REACTOR BUILDING VENTILATION FLOW DIAG.	T41-1040	H-16006
2.	NITROGEN INERTING SYSTEM P & ID.	T48-1010	H-16000
3.	PIPING & INSTRUMENT SYMBOLS.	A41-1010	S-15051
4.	R.H.R. SYS. P & ID.	E.11-1010	H-16329
5.	STANDBY GAS TREATMENT SYSTEM.	T46-1010	H-16020
6.	REACTOR BUILDING VENTILATION P & ID.	T41-1020	H-16005
7.	DRYWELL COOLING SYSTEM P & ID.	T47-1010	H-16007
8.	PRIMARY CONTAINMENT ISOLATION SYSTEM.	C61-1040	H-77801-805
9.	PROCESS RADIATION MONITORING SYSTEM.	D11-1010	S-17790
10.	H_2 O_2 ANAL. SYS. P & ID.	P33-1010	H-16276
11.	H.P.C.I. SYS. P & I D.	E41-1010	H-16332 H-16333
12.	RCIC SYS P & ID.	E51-1010	H-16334
13.	DRYWELL TO TORUS DIFFERENTIAL PRESSURE SYSTEM P & ID.	T48-1030	H-16153
14.	PROCESS RADIATION MONITORING SYS. I.E.D. SHT. 4 OF 4 (GE729E610BA)	D11-1010	SX-16566
15.	CLASS IE ANALOG SIGNAL CONVERSION / ISOLATION I.E.D.	X75-1010	H-16394
16.	DELETED.		
17.	NUCLEAR BOILER SYSTEM P & ID SHT. 2	B21-1010	H-16063
18.	TORUS DRAINAGE & PURIFICATION SYS. P & ID AND PFD.	G51-1010	H-16135
19.	CLASS 1E DIV. 1 ANALOG SIGNAL CONVERSION / ISOLATION I.E.D.	X75-1010	H-16395
20.	CLASS 1E DIV. 2 ANALOG SIGNAL CONVERSION / ISOLATION I.E.D.	X75-1010	H-16396
21.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 9 OF 15.	X75-1010	H-16411
22.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 10 OF 15	X75-1010	H-16412
23.	STANDBY GAS TREATMENT SYSTEM P&ID SH. NO.2	T46-1010	H-16174
24.	DIGITAL INPUT SIGNALS TO ERF COMPUTER SYSTEM I.E.D. H-16408, SHEET 6 OF 15	X75-1010	H-16408

LICENSE RENEWAL DOCUMENT

MPL # T48-1020 | ACAD14 | HL16024

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
PRIMARY CONTAINMENT PURGE & INERTING SYSTEM P. & I. D.

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-16024	A
DATE	SCALE			
	None			

Revision: A	Date: 12-30-99

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BY	CHK'D	APPR'D
TRM	EPD	ASK

BOUNDARY DIAGRAM NO.: 1T46-B01-02

FUNCTION(S) NO.: 1T46-01

PREPARED BY: ALEX MORRISON
DATE: 3/16/98
REVIEWED BY: ED DAVIDSON
DATE: 4/30/98