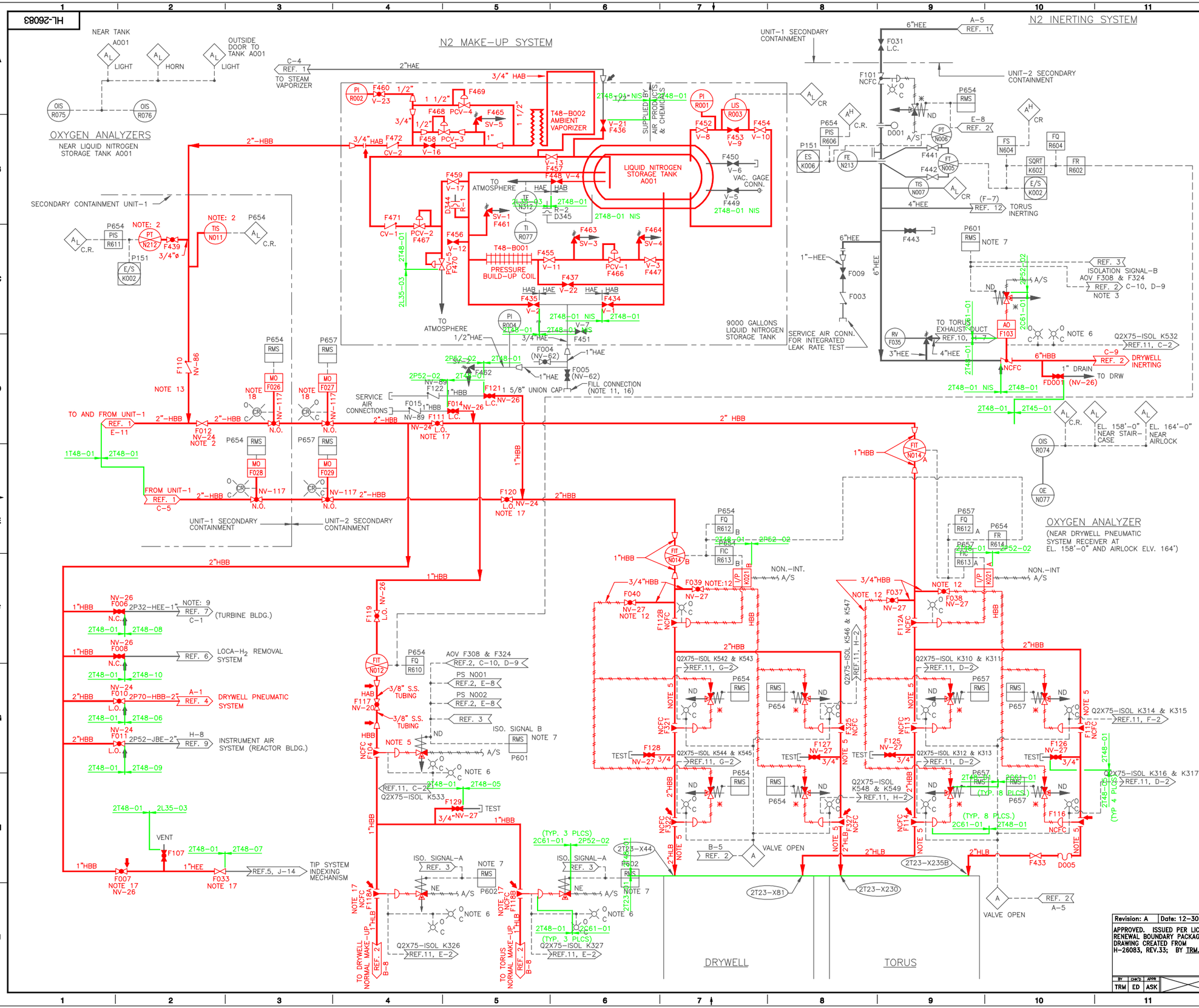

NOTES

1. ALL EQUIPMENT AND INSTRUMENT NO'S ON THIS DRAWING PRECEDED BY 2T48; EXAMPLE 2T48-F110.
2. THESE INSTRUMENTS AND VALVES ARE REQUIRED TO BE IN OPERATION WHEN UNIT-1 GOES INTO OPERATION.
3. NITROGEN PURGE SWITCH TO BE INTERLOCKED WITH DRYWELL AND TORUS OUTBOARD PURGE VALVE.
4. DELETED
5. THESE VALVES SHOULD BE INSTALLED AS CLOSE TO THE CONTAINMENT AS PRACTICABLE.
6. INDICATING LIGHTS LOCATED ON GRAPHIC DISPLAY ON BENCHBOARD 2H11-P601.
7. SWITCHES INDICATED BY THIS NOTE ARE PART OF THE PCIS SYSTEM (PRIMARY CONTAINMENT ISOLATION SYSTEM) MPL-2C61 AND ARE MOUNTED ON BENCHBOARD 2H11-P601 & 2H11-P602.
8. ALL PRESSURE REGULATING VALVES 1" AND BELOW ARE TO BE INTERNALLY PILOTED WITH METALLIC PISTON OR DIAPHRAGM.
9. NITROGEN PRESSURE SHOULD BE REDUCED FROM 125 PSIG TO REQUIRED PRESSURE CONTROL BY INSTALLING PRESSURE CONTROL VALVE IN LINE IN TURBINE BLDG. DURING SHUTDOWN MAXIMUM 100 SCFM NITROGEN WILL BE AVAILABLE.
10. DELETED
11. NITROGEN SUPPLIER SHALL MAKE FINAL CONNECTION FOR HIS HOSE CONNECTION.
12. THESE ROOT VALVES SHOULD BE INSTALLED CLOSE TO THE AIR OPERATORS.
13. REMOVE INTERNALS OF CHECK VALVE F110.
14. ANY ADDITIONAL HIGH POINT VENTS AND LOW POINT DRAINS TO BE ADDED BY FIELD AS REQUIRED.
15. VALVES ON THIS DWG. ARE NUMBERED FD001 THRU FD020 FOR DRAIN VALVES FV001 THRU FV020 FOR VENT VALVES
16. FOLLOWING NITROGEN TANK FILL-UP, VALVE F004 MAY BE LEFT EITHER CRACKED OPEN, OR CLOSED.
17. THESE VALVES WILL BE CLOSED IF DRYWELL IS NOT TO BE INERTED AND OPEN IF IT IS TO BE INERTED.
18. STARTER BREAKERS FOR THESE VALVES ARE TO BE LOCKED IN THE OFF POSITION WHICH RESULTS IN A LOSS OF POSITION INDICATION IN THE MAIN CONTROL ROOM.

REFERENCES

		MPL NO	S.S. NO
1.	NITROGEN INERTING SYSTEM P&ID UNIT-1	T48-1010	H-16000
2.	PRIMARY CONTAINMENT PURGE & INERTING SYSTEM P&ID	2T48-1020	H-26084
3.	PRIMARY CONTAINMENT ISOLATION SYSTEM	2C61-1040	H-27596-600
4.	DRYWELL PNEUMATIC SYSTEM P&ID	2P70-1010	H-26066
5.	IED NEUTRON MONITORING SYSTEM (TO T.I.P. SYSTEM INDEXING MECHANISM)	2C51-1010	H-26993
6.	LOCA-H_2 REMOVAL SYSTEM P&ID	2T49-1010	H-26068
7.	TURBINE BUILDING NITROGEN BLANKETING SYSTEM P.&I.D.	2P32-1010	H-21032
8.	PIPING & INSTRUMENT SYMBOLS LIST.	A42-1010	S15051
9.	REACTOR BLDG. SOUTH SIDE NON-INTERRUPTABLE INSTRUMENT AIR P&ID SH. 4	2P52-1040	H-26064
10.	REACTOR BLDG. VENT. SYS. PROCESS FLOW DIAGRAM	2T41-1020	H-26069
11.	DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHT. 9 OF 15	2X75-1010	H-26277
12.	DRYWELL TO TORUS DIFFERENTIAL PRESSURE SYS. P&ID	2T48-1030	H-26079
13.	LIQUID NITROGEN STORAGE VESSEL & VAPORIZER SYS.-INSTRUCTION MANUAL		SX-21383

BOUNDARY DIAGRAM NO.:2T48-B01-02
FUNCTION(S) NO.: 2T48-01, 2T48-05, 2T48-06, 2T48-07, 2T48-08, 2T48-09, 2T48-10, 2C61-01
PREPARED BY: ED DAVIDSON
DATE: 4/23/98
REVIEWED BY: ALEX MORRISON
DATE: 4/27/98

LICENSE RENEWAL DOCUMENT

LVN-FD001
MPL NO. 2T48-1010

ACAD14 | HL26083

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 2
NITROGEN INERTING SYSTEM
P&ID

Revision: A | Date: 12-30-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-26083, REV.33; BY TRM.

BY	CHK'D	APPR
TRM	ED	ASK

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-26083	A
DATE	SCALE			
	None			