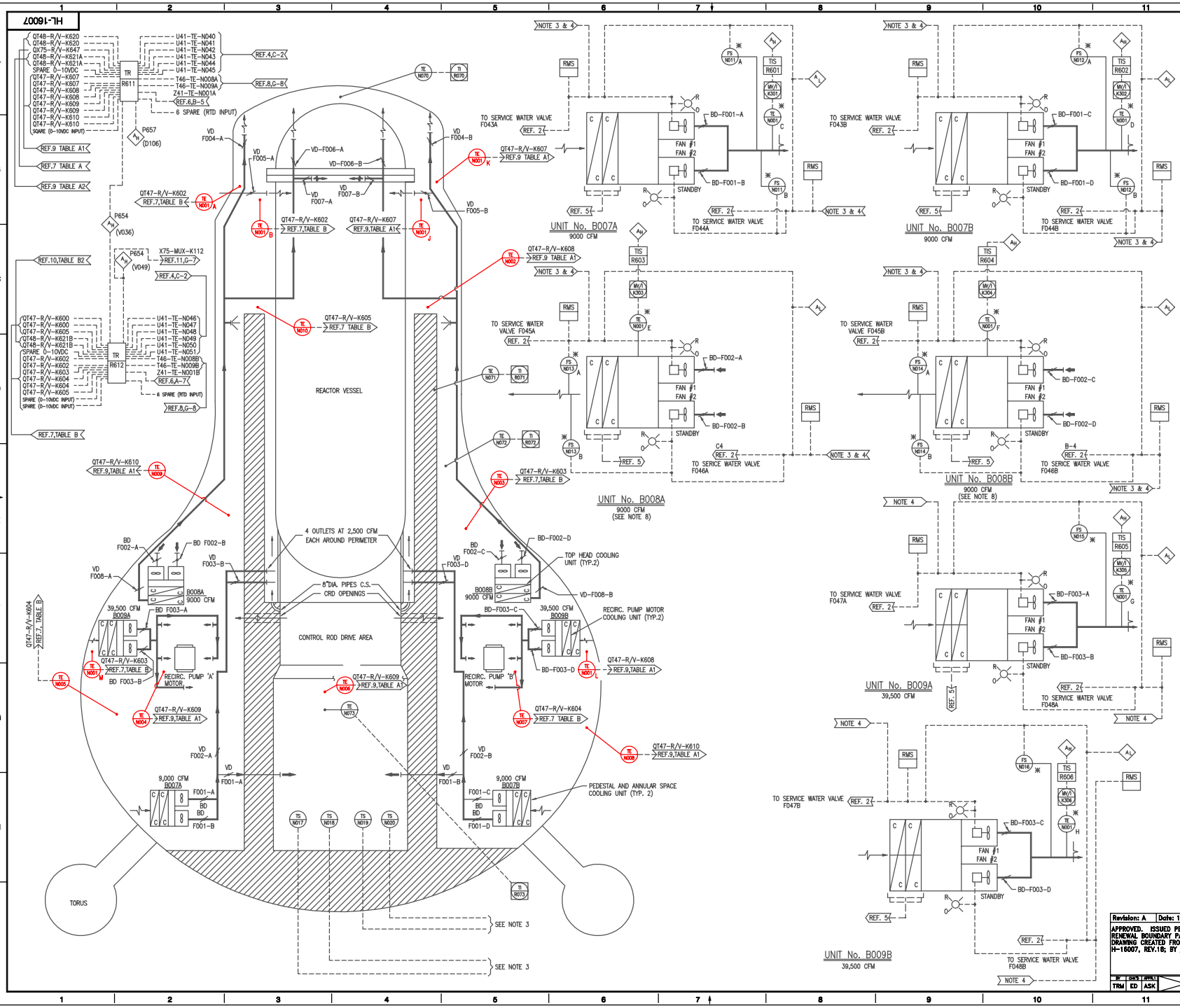

NOTES:-

1. ALL DRYWELL COOLING UNIT MOTORS ARE CONNECTED TO EMERGENCY POWER BUS.
2. ALL INDICATING LAMPS ON VALVES TO BE ON REACTOR CONTAINMENT AND COOLING ISOLATION BENCHBOARD.
3. NORMALLY ONE FAN OPERATES WITH ONE FAN ON STANDBY IN COOLING UNITS B007A, B007B, B008A, B008B, B009A, & B009B. DURING HIGH TEMPERATURE DUE TO SCRAM OR LOSS OF OFF SITE POWER, STAND-BY FANS IN UNITS B007A, B007B, B008A, B008B START UP IN ADDITION TO THE FANS NORMALLY OPERATING.
4. ALL DRYWELL COOLING UNIT MOTORS ARE DE-ENERGIZED ON LOSS OF COOLANT ACCIDENT SIGNAL.
5. SEE DWG. H-16001 FOR SYMBOL REF.
6. ALL EQUIPMENT AND INSTRUMENT NO'S ON THIS DWG. PRECEDED BY T47 EXAMPLE T47-F315.
7. AFTER LOSS OF COOLANT ACCIDENT ONLY ONE FAN IN UNITS B007A, B007B, B008A, & B008B OPERATES.
8. BOTH COOLING UNITS B008A AND B008B OPERATE TO EXTEND THE QUALIFIED LIFE OF UPPER DRYWELL INSTRUMENTS. STANDBY FANS IN THE COOLING UNITS MAY BE OPERATED WHEN HIGH LOCAL OR AVERAGE TEMPERATURES ARE EXPERIENCED INSIDE THE DRYWELL. NORMALLY, DURING SUMMER MONTHS, BOTH FANS MAY BE OPERATED IN COOLING UNITS B008A AND B008B.

REFERENCES:	MPL NO.	SS NO.
1. REACTOR BUILDING VENTILATION PROCESS FLOW DIAG.	T41-1020	H-16006
2. REACTOR BUILDING SERVICE WATER P.&I.D.	P41-1010	H-16011
3. PRIMARY CONTAINMENT PURGE & INERTING SYS. P.&I.D.	T48-1020	H-16024
4. TURBINE BUILDING VENTILATION P.&I.D.	U41-1010	H-16037
5. DRYWELL VALVE & EQUIP. DRAINAGE SYS. P.&I.D.		H-16199
6. CONTROL BLDG. VENTILATION P&ID	Z41-1030	H-16040
7. CLASS IE ANALOG SIGNAL CONVERSION/ISOLATION SYS., I.E.D.	X75-1010	H-16394
8. STANDBY GAS TREATMENT SYSTEM P.&I.D. SHT. NO. 1	T46-1010	H-16020
9. CLASS IE DIV. 1 ANALOG SIGNAL CONVERSION/ISOLATION SYS., I.E.D.	X75-1010	H-16395
10. CLASS IE, DIV. 2 ANALOG SIGNAL CONVERSION/ISOLATION SYS. I.E.D.	X75-1010	H-16396
11. ANNUNCIATOR SIGNALS TO TSC I.E.D.	X75-1010	H-16402

BOUNDARY DIAGRAM NO.:1T48-B01-06

FUNCTION(S) NO.: 1T48-04

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

LICENSE RENEWAL DOCUMENT

MPL T47-1010 | ACAD14 | HL16007

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
DRYWELL COOLING SYSTEM
P&ID

Revision: A | Date: 12-29-99

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