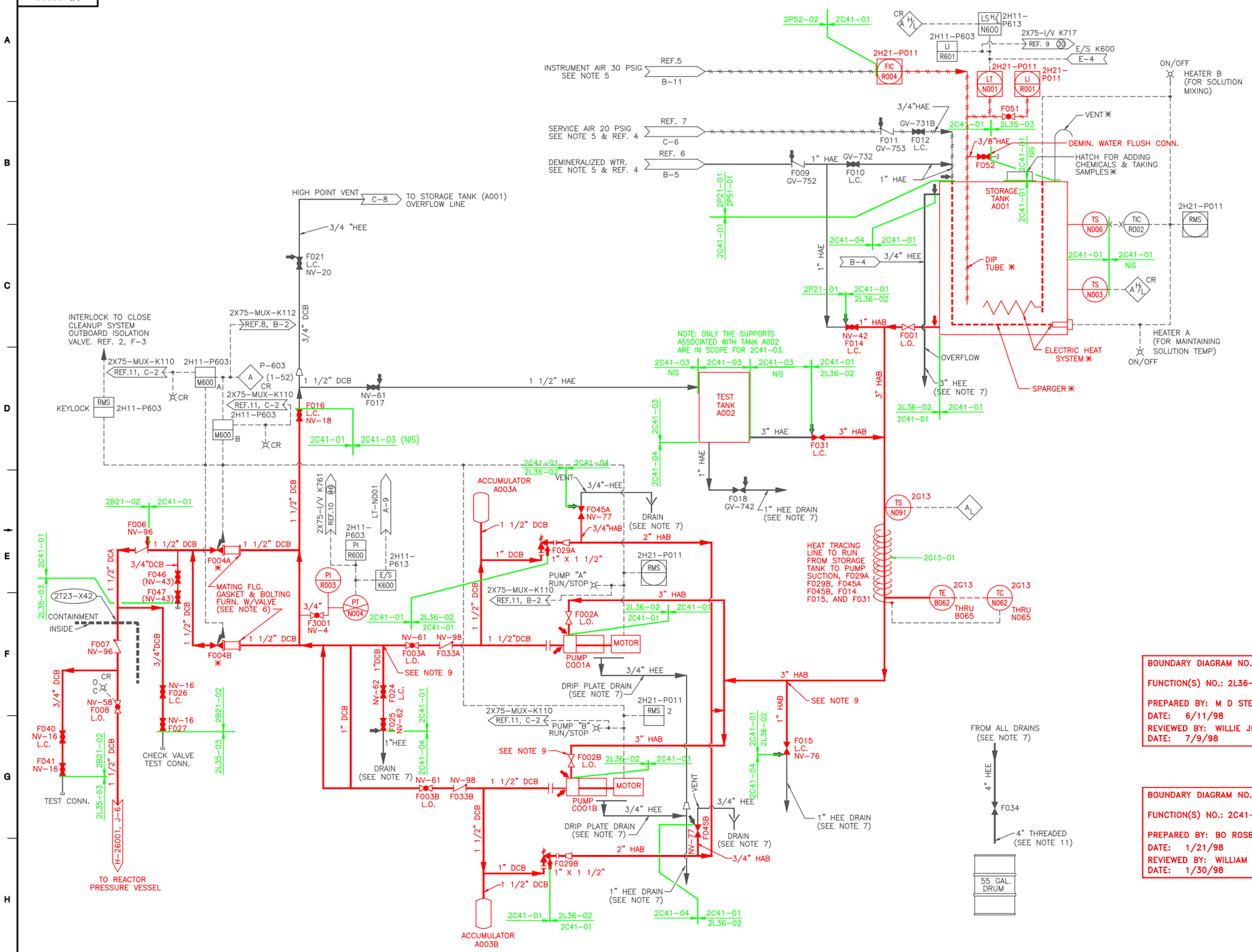

NOTES:

1. ALL EQUIPMENT & INSTRUMENTS ARE PREFIXED BY SYSTEM NO. 2C41 UNLESS OTHERWISE NOTED.
2. PIPE SIZES SHOWN ON THIS DRAWING ARE APPROXIMATE EXCEPT AT POINTS OF CONNECTION WITH APED SUPPLIED EQUIPMENT OR PIPING. THE PIPING DESIGNER SHALL CHECK AND ADJUST PIPE SIZE I ACCORDANCE WITH HIS PIPING LAYOUT FOR CONFORMANCE WITH THE SYSTEM DESIGN SPEC.
3.
4. PIPING HIGH POINT VENTS & LOW POINT DRAINS ARE TO BE ADDED AT ALL SUCH HIGH OR LOW POINTS NOT SERVED BY EQUIP. VENTS AND DRAINS
5. THE ELEVATION OF THE DEMINERALIZED WATER AND PLANT AIR SUPPLY LINES SHALL BE ABOVE THE TOP OF THE STORAGE TANK.
6. IN ORDER TO SERVICE THESE VALVES AFTER FIRING, IT IS NECESSARY TO REMOVE A 6" SPOOL PIECE IMMEDIATELY UPSTREAM OF THE RESPECTIVE VALVE. EACH EXPLOSIVE VALVE IS FURNISHED WITH A MATING SOCKET WELDING TYPE FLANGE FOR SOCKET WELDING TO A 6" SPOOL PIECE.
7. DRAINS SHOULD BE ROUTED TO A COMMON COLLECTION AREA. MANIFOLDING OF DRAIN LINES, WHERE PRACTICAL, IS PERMISSIBLE. SPACE SHALL BE PROVIDED IN COLLECTION AREA FOR REMOVABLE TYPE CONTAINERS SUCH AS 55 GALLON DRUMS.
8. FOR LOCATION AND IDENTIFICATION OF INSTRUMENTS SEE INSTRUMENT DATA SHEET LISTED IN MPL FOR EACH INSTRUMENT.
9. FLUSHING CONNECTIONS (SUPPLY AND DRAIN) SHALL BE LOCATED TO ALLOW FOR MAX. SYSTEM FLUSH AND DRAIN.
10. NUMBERS WITHIN ◯ INDICATE ANALOG INPUT NO'S. AS DESCRIBED IN THE FUNCTIONAL DESIGN CRITERIA FOR ERF, TABLE "D"-UNIT 2 ANALOG INPUT SIGNALS TO THE SPPS/ERF. COMPUTER SYSTEMS.
11. CONNECTION ALSO USED FOR ALTERNATE BORON INJECTION (E.O.P.)

REFERENCES

	MPL NO.	SSI NO.
1. NUCLEAR BOILER SYSTEM P&ID SHT 1 / SHT 2	2B21-1010	H-26000 / H-26001
2. STANDBY LIQUID CONTROL SYSTEM FCD.	2C41-1030	S25378
3. PIPING & INSTRUMENT SYMBOLS DWG.	A42-1010	
4. STANDBY LIQUID CONTROL DES. SPEC.	2C41-4010	S25158
5. REACTOR BLDG. SOUTH SIDE NON-INTERRUPTABLE INST. AIR P&ID (SH. 4)	2P52-1040	H-26064
6. REACTOR BUILDING DEMINERALIZED WATER SYSTEM DIAGRAM.	2P21-1010	H-26047
7. REACTOR AND RADWASTE BUILDING SERVICE AIR SYSTEM.	2P51-1010	H-26058
8. ANNUNCIATOR SIGNAL TO TSC I.E.D.	2X75-1010	H-26159
9. DATA ACQUISITION CHART ERF ANALOG SIGNALS-GIT SIGNAL CONDITIONING SHT. 1 OF 8.	2X75-P601	S-41961
10. DATA ACQUISITION CHART ERF ANALOG SIGNALS-GIT SIGNAL CONDITIONING SHT. 6 OF 8.	2X75-P601	S-41966
11. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. I.E.D. SHEET 2 OF 15.	2X75-1010	H-26164

BOUNDARY DIAGRAM NO.:2L36-B01-06
FUNCTION(S) NO.: 2L36-02
PREPARED BY: M D STEPHENS
DATE: 6/11/98
REVIEWED BY: WILLIE JENNINGS
DATE: 7/9/98

BOUNDARY DIAGRAM NO.:2B21-B02-07
FUNCTION(S) NO.: 2B21-02
PREPARED BY: WILLIE JENNINGS
DATE: 4/24/98
REVIEWED BY: WILLIAM P EVANS
DATE: 5/12/98

BOUNDARY DIAGRAM NO.:2C41-B01-01
FUNCTION(S) NO.: 2C41-01, 03
PREPARED BY: BO ROSBERG
DATE: 1/21/98
REVIEWED BY: WILLIAM P EVANS
DATE: 1/30/98

LICENSE RENEWAL DOCUMENT

MPL NO. 2C41-1010 LVN-F047 | ACAD14 | HL26009

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

Revision: A | Date: 1-4-2000

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EDWIN I. HATCH NUCLEAR PLANT UNIT No. 2
STANDBY LIQUID CONTROL SYSTEM
P&ID

BY	CHK'D	APPR
TRM	ED	ASK

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-26009	A
DATE	SCALE None			