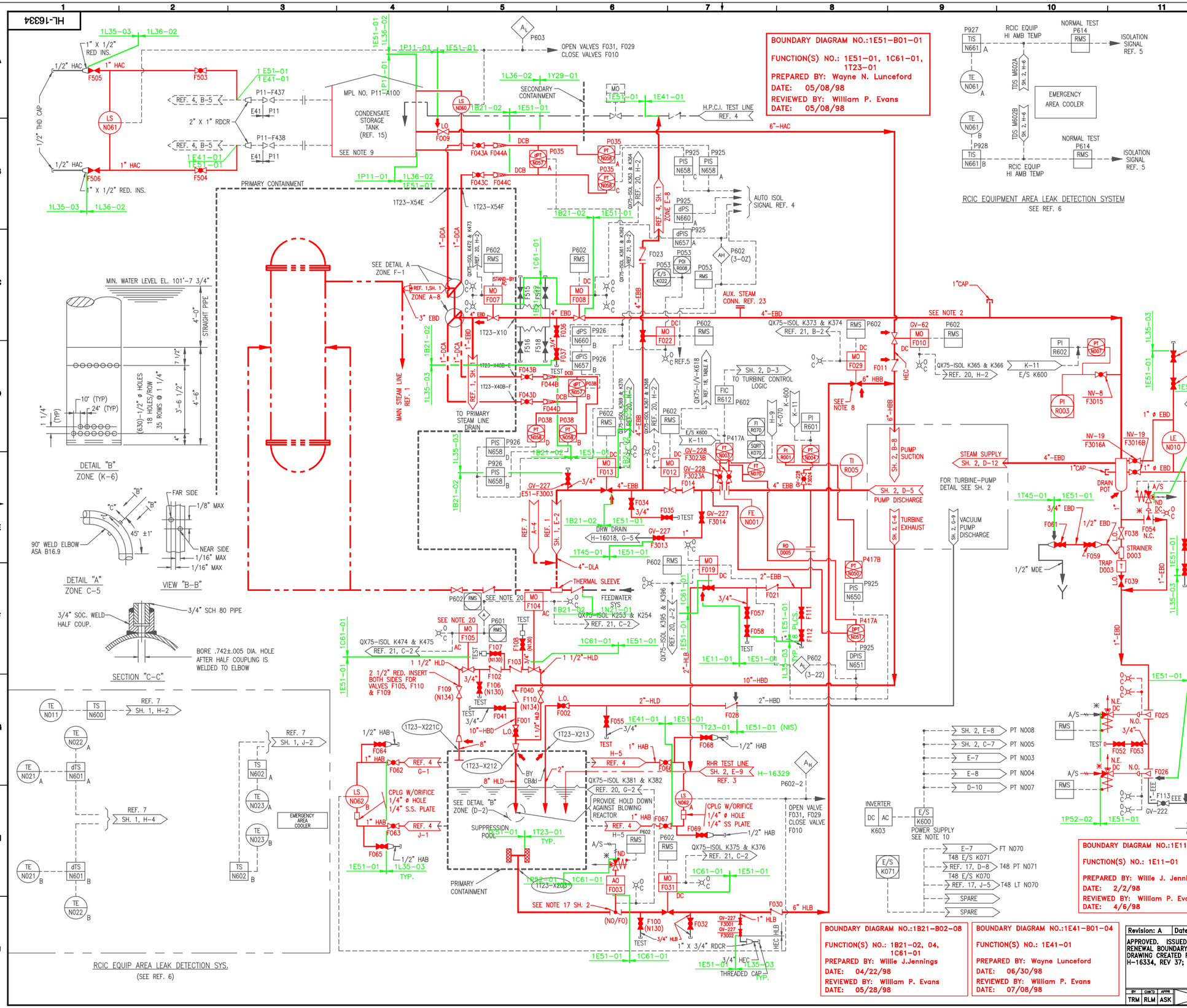
HL-16334



NOTES

1. CHEMICAL CLEANING CONNECTIONS, VALVES, ETC. IF REQUIRED, ARE TO PROVIDED AS NECESSARY.
2. SLOPE STEAM LINE DOWN ALL THE WAY FROM MAIN STEAM LINE TO DRAIN POT JUST AHEAD OF TURBINE.
3. DELETED
4. INSTRUMENT LINE VALVING MUST COMPLY WITH INSTRUMENT PIPING STANDARDS.
5. DELETED
6. EQUIPMENT VENT & DRAIN QUANTITIES SHOWN ARE TO BE MODIFIED TO AGREE WITH VPF DATA FOR ACTUAL EQUIPMENT PURCHASED. PIPING HIGH POINT VENTS & LOW POINT DRAINS TO BE ADDED AS NECESSARY.
7. EQUIPMENT AND INSTRUMENTS ARE PREFIXED BY MPL. NO. E51, UNLESS OTHERWISE NOTED.
8. LOCATE VALVE F029 (ZONE D-8) AS CLOSE AS POSSIBLE TO PUMP SUCTION LINE FROM CONDENSATE STORAGE.
9. REQUIRED TOTAL RESERVE STORAGE FOR RCIC SYS. AND HPCI SYS. 100,000 GAL. THIS AMOUNT OF STORAGE SHALL BE CAPABLE OF BEING ISOLATED FROM SERVING OTHER SYSTEMS.
10. "A–C" POWER FOR RCIC INSTRUMENTS SHALL BE DERIVED FROM A "D–C" SOURCE SEPARATE FROM THAT WHICH SUPPLIES THE HPCI SYSTEM.
11. FOR INTERLOCKING REQUIREMENTS AND AUTO VALVE ACTUATION SEE FUNCTIONAL CONTROL DIAGRAM, REF. 2.

NOTES CONT'D ON SH. 2.

BOUNDARY DIAGRAM NO.:1P11-B01-03
FUNCTION(S) NO.: 1P1101, 1E41-01, 1E51-01
PREPARED BY: William P. Evans
DATE: 02/27/98
REVIEWED BY: Bo Rosberg
DATE: 02/27/98

REFERENCES

REF. DOCUMENTS	MPL. ITEM NO.	BECHTEL OR S.S.I NO.
1. NUCLEAR BOILER SYS. P&ID SHTS 1&2	B21–1010	H–16062 & 63
2. NUCLEAR BOILER SYS. FCD	B21–1030	S–15267
3. RHR SYS. P&ID	E11–1010	H–16329
4. HPCI SYS. P&ID	E41–1010	H–16332
5. RCIC SYS. FCD	E51–1030	S–15581
6. NUCLEAR BOILER LEAK DETECTION SYS. DESIGN SPEC.	A61–4040	S–15530
7. RWCW SYS. P&ID SHTS. 1&2	G31–1010	H–16188–89
8. PIPING & INSTRUMENT SYMBOLS	A41–1010	S–15051
9. PROCESS INSTRUMENT PIPING AND TUBING INSTALLATION SPEC.	A61–4070	S–15426
10. PLANT REQUIREMENTS	A61–4020	S–17109
11. TURBINE CONTROL DWG.	VFP 2757–014	
12. FURN., FAB & DEL OF PIPING SETTING OF MECH EQUIP.		SS–6909–1
13. TURBINE OUTLINE	E51–C002	S–15496
14. HPCI SYS. FCD	E41–1030	S–16153
15. REACTOR & RADWASTE BUILDINGS CONDENSATE STORAGE & TRANSFER SYS. DIAGRAM	P11–1010	H–16016
16. DRYWELL VALVE & EQUIP DRAINAGE SYS. P&ID		H–16199
17. PRIMARY CONTAINMENT PURGE AND INERTING SYS P&ID	T48–1020	H–16024
18. CLASS IE ANALOG SIGNAL CONVERSION/ISOLATION SYS I.E.D.	X75–1010	H–16394
19. ANNUNCIATOR SIGNALS TO TSC I.E.D.	X75–1010	H–16402
20. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 5 OF 15	X75–1010	H–16407
21. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYSTEM I.E.D. SHEET 6 OF 15.	X75–1010	H–16408
22. HPCI SYSTEM P&ID SHT. No.2	E41–1010	H–16333
23. REACTOR & RADWASTE BLDG. AUX. STEAM P&ID		H–16278

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BY	CHK'D	APPR
TRM	RLM	ASK

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
RCIC SYSTEM P&ID
SHEET NO.1

DRAWN	DESIGNED	LOCATION	DRAWING NUMBER	REVISION
TRM	LCF	10-502	HL-16334	0
DATE	SCALE None			