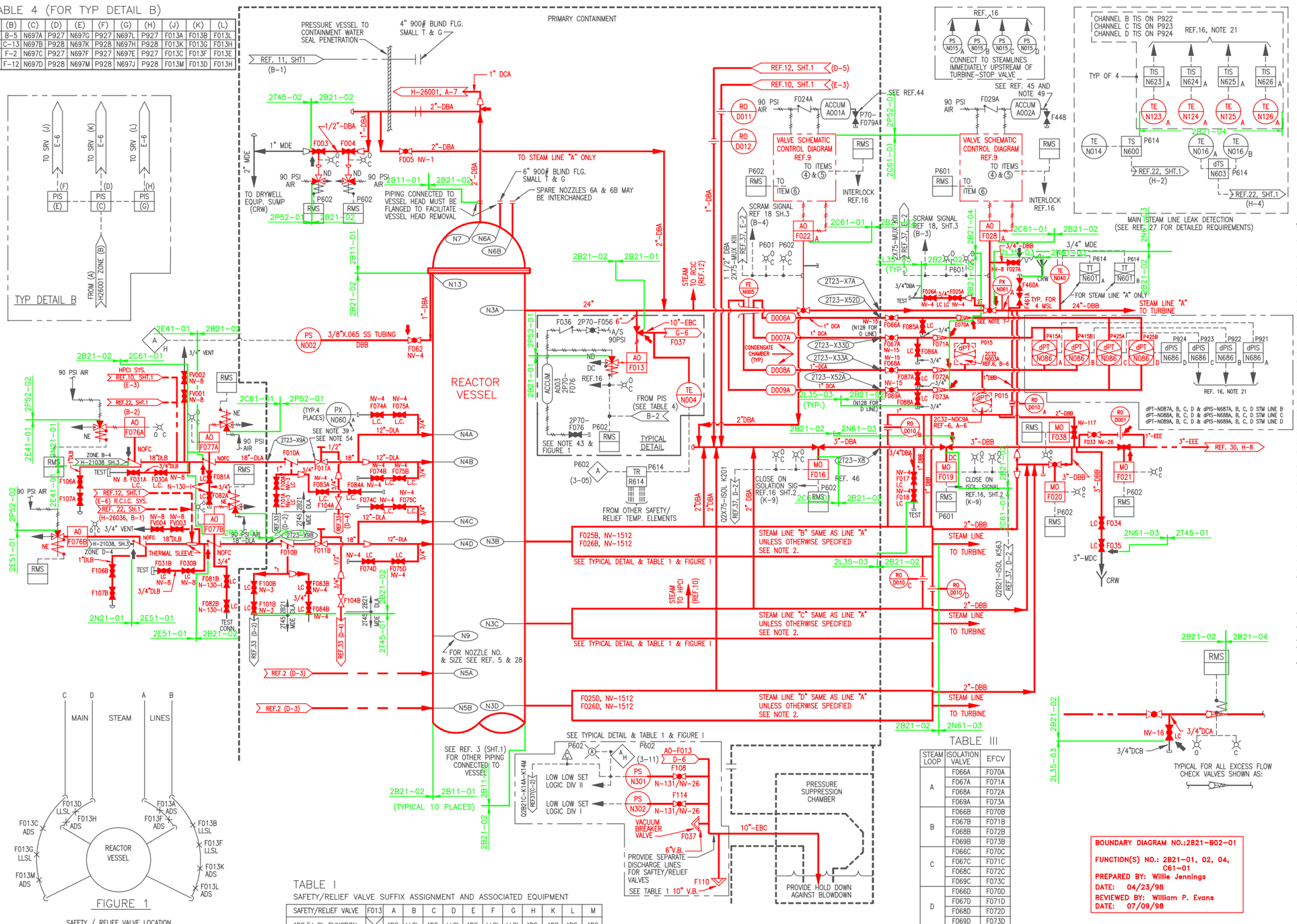
HL-26000

## TABLE 4 (FOR TYP DETAIL B)

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (J) | (K) | (L) |
|---|---|---|---|---|---|---|---|---|---|---|
| N127A | B-5 | N697A | P927 | N697G | P927 | N697L | P927 | F013A | F013B | F013L |
| N127B | C-13 | N697B | P928 | N697K | P928 | N697H | P928 | F013K | F013G | F013H |
| N127C | F-2 | N697C | P927 | N697F | P927 | N697E | P927 | F013C | F013F | F013E |
| N127D | F-12 | N697D | P928 | N697M | P928 | N697J | P928 | F013M | F013D | F013H |




## NOTES

1. FOR GENERAL NOTES – SEE DRAWING H-26189

## REFERENCES

| | | | |
|---|---|---|---|
| 1. CONTROL ROD DRIVE HYDRAULIC SYS P&ID | SHT 1 | 2C11-1010 | H-26006 |
| | SHT 2 | | H-26007 |
| 2. CORE SPRAY SYSTEM P&ID | | 2E21-1010 | H-26018 |
| 3. REACTOR RECIRCULATION SYS P&ID | SHT 1 | 2B31-1010 | H-26003 |
| | SHT 2 | | H-26004 |
| 4. PIPING & INSTRUMENT SYMBOLS | | A42-1010 | S-15051 |
| 5. REACTOR VESSEL PURCHASE PART DWG. | | 2B11-A001 | S-25020-25 |
| 6. FEEDWATER CONTROL SYSTEM IED | | 2C32-1010 | H-26991 |
| 7. NEUTRON MONITORING SYS IED | | 2C51-1010 | H-26992 |
| 8. STANDBY LIQUID CONTROL SYS P&ID | | 2C41-1010 | H-26009 |
| 9. ISOLATION VALVE PURCH PART DWG | | 2B21-F022 | S-25012 |
| | | 2B21-F028 | |
| 10. HPCI SYSTEM P&ID | SHT 1 | 2E41-1010 | H-26020 |
| | SHT 2 | | H-26021 |
| 11. RHR SYSTEM P&ID | SHT 1 | 2E11-1010 | H-26014 |
| | SHT 2 | | H-26015 |
| 12. RCIC SYSTEM P&ID | SHT 1 | 2E51-1010 | H-26023 |
| | SHT 2 | | H-26024 |
| 13. HPCI SYSTEM FCD | | 2E41-1030 | H-24742-49 |
| 14. RHR SYSTEM FCD | SHT 1-2 | 2E11-1030 | S-26095-96 |
| 15. RCIC SYSTEM FCD | SHT 1-4 | 2E51-1030 | S-26100, 1-2 & 3 |
| 16. NUCLEAR BOILER SYSTEMS FCD | | 2B21-1030 | S-25154 |
| 17. CORE SPRAY SYSTEM FCD | | 2E21-1030 | S-26097 |
| 18. REACTOR PROTECTION SYSTEM IED | | 2C71-1010 | H-24728 |
| 19. PROCESS INSTRUMENT PIPING & TUBING INSTALL. SPECIFICATION | | 2A61-4070 | S-25323 |
| 20. PLANT REQUIREMENTS | | 2A61-4020 | S-25706 |
| 21. REACTOR RECIRCULATION SYSTEM FCD | | 2B31-1020 | S-25068 |
| 22. REACTOR WATER CLEANUP SYSTEM P&ID | SHT 1 | 2G31-1010 | H-26036 |
| | SHT 2 | | H-26037 |
| 23. PRESSURE INTEGRITY OF PIPING & EQUIPMENT PRESSURE PARTS | | 2A61-4030 | S-25112 |
| 24. NUCLEAR BOILER SYSTEM PROCESS DIAG | | 2B21-1020 | S-25068 |
| 25. NUCLEAR BOILER SYSTEM DESIGN SPEC. | | 2B21-4020 | S-25213 |
| 26. FEEDWATER CONTROL SYSTEM DESIGN SPEC | | 2C32-4010 | S-25321 |
| 27. NUCLEAR BOILER LEAK DETECTION DESIGN SPEC. | | 2A61-4040 | S-25280 |
| 28. REACTOR SYSTEM OUTLINE | | 2A61-2050 | S-25045 |
| 29. CNDS & F.W. SYSTEM | | 2N21-1010 | H-21038 |
| 30. TURBINE BLDG. MAIN AND RFP TURBINE DRAINS P&ID | | 2N22-1010 | H-21031 |
| 31. REMOTE SHUTDOWN SYS. IED | SHT 1-5 | 2C82-1010 | S-28846-50 |
| 32. DELETED | | | |
| 33. EQUIP. & VALVE DRAINAGE P&ID | | 2T45-1030 | H-26077 |
| 34. CLASS 1E ANALOG SIGNAL CONVERSION/ISOLATION SYS. IED | | 2X75-1010 | H-26284 |
| 35. DATA ACQUISITION CHART, ERF ANALOG SIGNALS-GIT SIGNAL CONDITIONING | SH 1 OF 8 | 2X75-P601 | S-41961 |
| 36. DATA ACQUISITION CHART, ERF ANALOG SIGNALS-GIT SIGNAL CONDITIONING | SH 6 OF 8 | 2X75-P601 | S-41966 |
| 37. DIGITAL INPUT SIGNALS TO THE ERF COMPUTER SYS. IED | SH 1 OF 15 | 2X75-1010 | H-26163 |
| 38. NUCLEAR BOILER SYS. P&ID | SH 2 | 2B21-1010 | H-26001 |
| 39. NUCLEAR BOILER SYS. P&ID | SH 3 | 2B21-1010 | H-26189 |
| 40. POST ACCIDENT REACTOR COOLANT AND CONTAINMENT ATMOSPHERE SAMPLING SYSTEM P&ID | | 2P33-1010 | H-26384 |
| 41. REACTOR ASSEMBLY SHT. 1 SECT. 1-3, SHT. 2 SECT. 1-3 | | 2B11-2010 | S-28220-25 |
| 42. CLASS IE DIVISION 1 SIGNAL CONVERSION/ISOLATION SYSTEM IED | | 2X75-1010 | H-26285 |
| 43. CLASS IE DIVISION 2 ANALOG SIGNAL CONVERSION/ISOLATION SYSTEM IED | | 2X75-1010 | H-26286 |
| 44. DRYWELL PNUMATIC SYS. | | | H-28023 |
| 45. REACTOR BLDG NORTH SIDE NON-INTERRUPTABLE INSTRUMENT AIR | | | H-26070 |
| 46. PENETRATION X-8 22" NOM. DIA CLAMSHELL BELLOWS – DETAIL | | | S-43984 |

## TABLE III

| STEAM LOOP | ISOLATION VALVE | EFCV |
|---|---|---|
| A | F066A | F070A |
| | F067A | F071A |
| | F068A | F072A |
| | F069A | F073A |
| B | F066B | F070B |
| | F067B | F071B |
| | F068B | F072B |
| | F069B | F073B |
| C | F066C | F070C |
| | F067C | F071C |
| | F068C | F072C |
| | F069C | F073C |
| D | F066D | F070D |
| | F067D | F071D |
| | F068D | F072D |
| | F069D | F073D |




FIGURE 1

SAFETY / RELIEF VALVE LOCATION
ADS / LLSL IDENTIFICATION (SEE NOTE 44)

## TABLE I

SAFETY/RELIEF VALVE SUFFIX ASSIGNMENT AND ASSOCIATED EQUIPMENT

| SAFETY/RELIEF VALVE | F013 | A | B | C | D | E | F | G | H | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ADS/LI SL FUNCTION | | ADS | LLSL | ADS | LLSL | ADS | LLSL | LLSL | ADS | ADS | ADS | ADS |
| CONTROL PROVIDED IN REMOTE SHUTDOWN SYSTEM (REF.31) | | NO | YES | NO | NO | NO | YES | NO | NO | NO | NO | NO |
| VACUUM BREAKER | F110 | – | B | – | D | – | F | G | – | – | – | – |
| COMPUTER INPUT NO. FOR PRESSURE SWITCH N301 | C | C1580 | C1581 | C1582 | C1583 | C1584 | C1585 | C1586 | C1587 | C1588 | C1589 | C1590 |

BOUNDARY DIAGRAM NO.:2E51-B01-03
FUNCTION(S) NO.: 2E51-01
PREPARED BY: Wayne Lunceford
DATE: 05/08/98
REVIEWED BY: William P. Evans
DATE: 05/08/98

BOUNDARY DIAGRAM NO.:2E41-B01-03
FUNCTION(S) NO.: 2E41-01
PREPARED BY: Wayne Lunceford
DATE: 05/08/98
REVIEWED BY: William P. Evans
DATE: 05/08/98

BOUNDARY DIAGRAM NO.:2N61-B01-01
FUNCTION(S) NO.: 2N61-03
PREPARED BY: Alex Morrison
DATE: 03/18/98
REVIEWED BY: Willie Jennings
DATE: 03/19/98

BOUNDARY DIAGRAM NO.:2B21-B02-01
FUNCTION(S) NO.: 2B21-01, 02, 04, C61-01
PREPARED BY: Willie Jennings
DATE: 04/23/98
REVIEWED BY: William P. Evans
DATE: 07/09/98

BOUNDARY DIAGRAM NO.:2B11-B01-01
FUNCTION(S) NO.: 2B11-01
PREPARED BY: William P. Evans
DATE: 07/01/98
REVIEWED BY: Willie Jennings
DATE: 07/07/98

LICENSE RENEWAL DOCUMENT

MPL NO. 2B21-1010 | ACAD14 | HL26000

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
NUCLEAR BOILER SYSTEM P&ID
SHEET 1

Revision: A | Date: 12-30-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-26000, REV 36; BY BKN.

| BY | CHK'D | APPR.1 |
|---|---|---|
| BKN | RLM | ASK |

| DRAWN | DESIGNED | LOCATION | DOCUMENT NUMBER | REVISION |
|---|---|---|---|---|
| BKN | LCF | 10-502 | HL-26000 | A |
| DATE | SCALE None | | | |