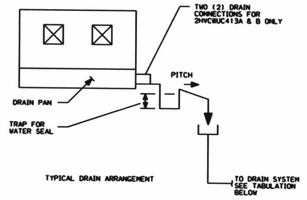
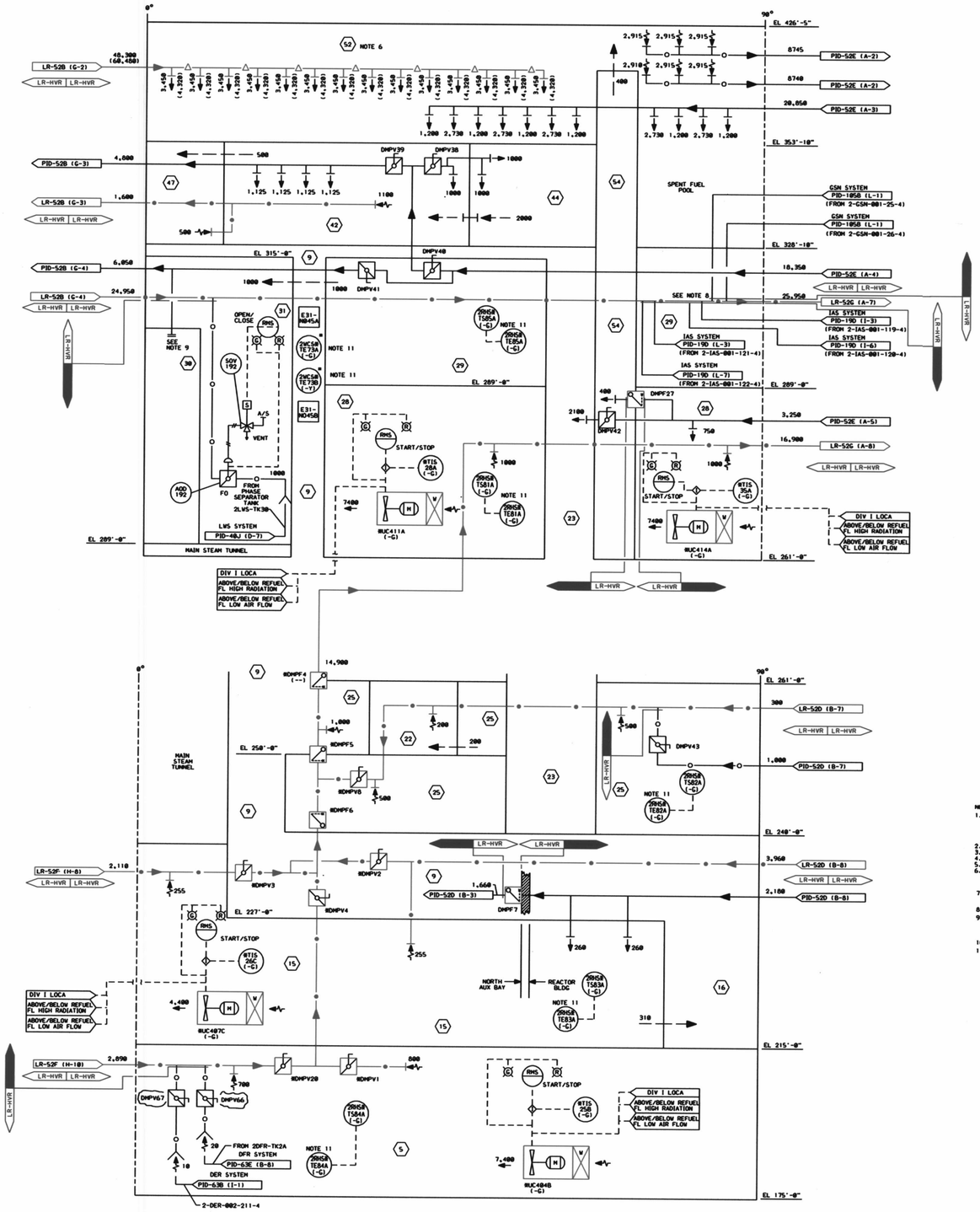


UC MARK NO 2HVRBUC	LINE DESIGNATION NO. (SEE NOTE 5)	DRAIN SYSTEM TO WHICH CONNECTED PID NO. OR LINE DES NO.	DRAIN NO. TO WHICH CONNECTED
401A	2-HVR-150-1-4	PID-63C (F-10)	2DFR-ED1106
401B	2-HVR-150-2-4	PID-63D (H-4)	2DFR-ED1685
401C	2-HVR-150-3-4	PID-63D (C-4)	2DFR-ED1682
401D	2-HVR-150-4-4	PID-63C (F-10)	2DFR-ED1106
401E	2-HVR-150-5-4	PID-63D (H-4)	2DFR-ED1685
401F	2-HVR-150-6-4	PID-63D (C-4)	2DFR-ED1682
402A	2-HVR-402-7-4	PID-63C (C-10)	2DFR-ED1104
402B	2-HVR-402-8-4	PID-63C (C-10)	2DFR-ED1109
403A	2-HVR-402-9-4	PID-63D (H-10)	2DFR-ED1588
403B	2-HVR-402-10-4	PID-63D (G-10)	2DFR-ED1582
404A	2-HVR-150-11-4	PID-63E (J-10)	2DFR-ED1402
404B	2-HVR-150-12-4	PID-63E (E-9)	2DFR-ED1303
404C	2-HVR-150-13-4	PID-63C (J-10)	2DFR-ED1295
404D	2-HVR-150-14-4	PID-63D (F-10)	2DFR-ED1584
405	2-HVR-150-15-4	PID-63C (I-10)	2DFR-ED2101
406	2-HVR-150-16-4	PID-63D (C-2)	2DFR-ED2681
407A	2-HVR-150-17-4	PID-63A (B-10)	2DER-ED3484
407B	2-HVR-150-18-4	PID-63B (G-10)	2DER-ED3486
407C	2-HVR-150-19-4	PID-63B (E-10)	2DER-ED3388
407D	2-HVR-150-20-4	PID-63B (D-10)	2DER-ED3283
407E	2-HVR-150-21-4	PID-63B (J-8)	2DER-ED4382
408A	2-HVR-150-22-4	PID-63C (H-7)	2DFR-ED4181
408B	2-HVR-150-23-4	PID-63C (H-7)	2DFR-ED4181
409A	2-HVR-150-24-4	PID-63D (C-1)	2DFR-ED4581
409B	2-HVR-150-25-4	PID-63D (C-1)	2DFR-ED4681
410A	2-HVR-150-26-4	PID-63B (J-9)	2DER-ED4403
410B	2-HVR-150-27-4	PID-63B (E-9)	2DER-ED4281
410C	2-HVR-150-28-4	PID-63A (C-9)	2DER-ED4502
411A	2-HVR-150-29-4	PID-63B (G-8)	2DER-ED5387
411B	2-HVR-150-30-4	PID-63B (D-8)	2DER-ED5284
411C	2-HVR-150-31-4	PID-63A (D-9)	2DER-ED5588
412A	2-HVR-150-41-4	PID-63E (I-9)	2DFR-ED1411
412B	2-HVR-150-42-4	PID-63D (G-10)	2DFR-DNF1501
413A	2-HVR-402-34-4	PID-63B (K-8)	2DER-ED5303
413B	2-HVR-402-39-4	2-HVR-402-34-4	2DER-ED5303
413C	2-HVR-402-35-4	PID-63B (I-8)	2DER-ED5301
413D	2-HVR-402-40-4	2-HVR-402-35-4	2DER-ED5301
414A	2-HVR-150-32-4	PID-63B (K-8)	2DER-ED5303
414B	2-HVR-150-33-4	PID-63B (B-8)	2DER-ED5607
415A	2-HVR-150-46-4	PID-63C (F-4)	2DFR-ED1701
415B	2-HVR-150-47-4	PID-63C (E-4)	2DFR-ED1702

LR NOTE:
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F
FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.



ASSOCIATED EQUIPMENT NUMBERS

TS	TE	AREA
	2WCS0TE73A	G-4
	2WCS0TE73B	G-4
2RHS0TS05A	2RHS0TE05A	I-4
2RHS0TS01A	2RHS0TE01A	I-5
2RHS0TS02A	2RHS0TE02A	J-7
2RHS0TS03A	2RHS0TE03A	I-9
2RHS0TS04A	2RHS0TE04A	G-10

AREA LEGEND
5. GEN AREA EL 175'-0"
9. RAD PIPE CHASE
15. GEN AREA EL 215'-0"
16. SPENT FUEL POOL HT EXCH RM "A"
22. VALVE GUIDE RM, EL 258'-0"
23. RAD PIPE CHASE
25. GEN AREA EL 248'-0"
28. GEN AREA EL 261'-0"
29. GEN AREA EL 289'-0"
30. PHASE SEPARATOR PUMP RM.
31. FLT BACKWASH TK RM
42. GEN AREA EL 328'-10"
44. CHANGE RM
47. SPENT FUEL POOL FLT RM
52. REFUELING FLOOR EL 353'-10"
54. NORTH STAIR TOWER

LINE LEGEND
- AIR SUPPLY (QA CAT II EXCEPT AS NOTED)
- RECIRCULATED AIR (QA CAT I)
- INDUCED AIR (NOT DUCTED)
- AREA EXHAUST (QA CAT II)
- AREA EXHAUST/RETURN (QA CAT I)
- EXFILTRATE OR INFILTRATE AIR

NOTES.
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2HVR-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURE SYSTEMS.
2. ALL AIR QUANTITIES ARE IN CUBIC FEET PER MINUTE (CFM).
3. UNIT COOLER DRAIN IS SHOWN ON THIS PID.
4. UNIT HEATERS ARE SHOWN ON PID-52E.
5. ALL PIPING IS CLASS 151A.
6. RECIRCULATING AIR QUANTITIES IN PARENTHESIS ( )
   FOR AREA (52) ARE MAXIMUM.
7. SHUT OFF DAMPERS, FIRE DAMPERS (QA CAT II) AND VOLUME DAMPERS SHALL BE FURNISHED BY SHEET METAL CONTRACTOR.
8. DUCTWORK TO PIPE CONNECTION TO BE 3/4" DIAMETER.
9. BLANK OFF DUCT OPENING TO PREVENT SUPPLY AIR
   INTO AREA (30)
10. THE SYMBOL (*) DENOTES EQUIPMENT FURNISHED BY G.E.
11. SEE TYPICAL (TE) LOOP AND TABLE DETAIL "A" (N-2).

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

SAFETY RELATED
QUALITY RELATED
NON SAFETY RELATED
(REF. SAR FIG. 9.4-8c)

NF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR

Constellation Energy Group
NINE MILE POINT NUCLEAR STATION
UNIT 2 - SCRIBA, N.Y.

PIPING & INSTRUMENTATION DIAGRAM
RX BUILDING VENTILATION & CAT I AREA COOLERS

SCALE NONE
DRAWING NO LR-52C-0

...\LR-052_c.dgn 5/14/2004 1:35:11 PM

183