2VUH-34 VENT EQUIP ROOM 1.0 G.P.M.

2VHC-5B RADWASTE AREA 117 G.P.M.

2VUH-35 VENT EQUIP. ROOM 4.5 G.P.M.

2VUH-52 VENT EQUIP. ROOM 4.5 G.P.M.

2VUH-1 11.5 G.P.M.

2VHC-1 CONTAINMENT PURGE 156 G.P.M. (2V5F-2)

2VHC-7A CONTROL ROOM 37 5 G.P.M. (2V5F-8A)

2VHC-7B COMPUTER ROOM 11 G.P.M. (2V5F-8B)

2VHC-8A RADWASTE AREA 87 G.P.M. (2V5F-7A)

2VHC-8 OFFICE LAB. LOCKER AREAS 11 G.P.M. (2V5F-10)

2VHC-17 INSTRUMENT SHOP 6 G.P.M. (2V5F-36)

2VHC-2 FUEL HANDLING 195 G.P.M. (2V5F-4)

AUXILIARY BUILDING

2VUH-50 8.5 GPM

2VUH-51 8.5 GPM

2VUH-52 8.5 GPM

2VUH-53 8.5 GPM

2VUH-46 8.5 GPM

2VUH-47 8.5 GPM

2VUH-48 8.5 GPM

2VUH-49 8.5 GPM

CONTAINMENT

2VET-1A

2VET-1B

COMPRESSION TANKS

2VAS-1 AIR SEPARATOR W/ STRAINER

2VHE-1

2M-25 PLANT HEATING BOILER (NOTE 5)

2T-172 PROPANE TANK

2T-22 PLANT HTG. BOILER FO. DAY TANK

2P-22 FO. ATOMIZER PUMP

2VP-4A

2VP-4B

CIRCULATION PUMPS

2C-28

2C-151A

2C-151

TO LAB. BENCHES ROOM 2243

TO OUTSIDE OF BLDG.

AUX. STEAM M-2202E, SH. 9 (F-6)

CONDENSATE RTN. M-2202E, SH. 9 (F-11)

SERVICE AIR M-2223, SH. 1 (H-2)

MAKE-UP WATER M-2202E, SH. 9 (F-8)

FR. UNIT 1 FO. TRANS. PUMP M-2214, SH. 2 (D-3)

TO 2SH-OR11 C9/9 M-2202E, SH. 9 (G-5)

2SF-256 STEAM OUTLET M-2202E, SH. 10 (E-5)

TANK FITTING FOR AIR CONTROL (TYP)

PLANE ARRESTOR ROOF

NOTES:

1) FOR GENERAL NOTES LEGEND & REF. DWG. SEE DWG. M-2200
2) INSTALL AUTO AIR VENTS AND GLOBE VALVE AT HIGH POINTS IN PIPING (TYP. AS SHOWN FOR UNIT HEATERS)
3) INSTALL DRAINS AT ALL LOW POINTS IN PIPING.
4) SHUT OFF VALVES & BALANCING VALVE OR COCK AT UNIT HEATERS SHALL BE LINE SIZE.
5) RELIEF VALVES, PRESSURE GUAGE, THERMOMETER, LOW WATER CUTOFF, ANGLE DRAIN VALVE, BURNER CONTROLS, ETC. WILL BE FURNISHED WITH BOILER TO PROVIDE A COMPLETE OPERATIONAL UNIT. FOR DETAILS SEE BECHTEL VENDOR DWG. NO. 6400-M-2050
6) ** INDICATES TO BE FURNISHED BY H&V CONTROLS SUBCONTRACTOR.
7) FLOW ELEMENTS SHOWN (FE) ARE FOR MEASUREMENT AND BALANCING OF THE SYSTEM.
8) FOR CONTROL DIAGRAM SEE DWG. M-2262 SH. 8 AND M-2263 SH. 2.
9) PROPANE TANK MULTI VALVE.
10) LOW WATER FUEL CUT-OFF W/ MANUAL RESSET AND LOW WATER FUEL CUT-OFF AND ALARM.
11) 2CKF-2261 AND 2HCF-2261 HAVES A COMMON OPERATOR.
12) VALVE 2PH-9004A IS LOCATED INSIDE A PLASTER WALL AND IS LEFT PERMANENTLY OPEN.
13) PLANT HEATING SUPPLY AND RETURN LINES BLANKED OFF INSIDE CONTAINMENT FOR LLRT TESTING.

LEGEND	
LINE COLOR	SYSTEM/ANR REPORT
	FUEL OIL/82-R-2885-13
	CONTAINMENT PENETRATIONS/82-R-2885-86
	LICENSE RENEWAL BOUNDARY

ARKANSAS NUCLEAR ONE
UNIT 2
RUSSELLVILLE, ARKANSAS

PIPING & INSTRUMENT DIAGRAM
PLANT HEATING SYSTEM

DRAWING NO	SHEET	REVISION
LRA-M-2220	1	0

Entergy

RED "R" IF ORIGINAL

8 SEP 23 2003 LAP TSI

BASED ON M-2220 SH 1 REV 64

D-33