UNIT HEATER	INSTRUMENT NUMBERS	
2VUH-46	2TC-8300	2HS-8300
2VUH-47	2TC-8301	2HS-8301
2VUH-48	2TC-8302	2HS-8302
2VUH-49	2TC-8303	2HS-8303
2VUH-50	2TC-8304	2HS-8304
2VUH-51	2TC-8305	2HS-8305
2VUH-52	2TC-8306	2HS-8306
2VUH-53	2TC-8307	2HS-8307

HOT WATER UNIT HEATER

HYDROGEN PURGE AIR SYSTEM (SEE NOTE 6 ON THIS DWG.)

PURGE AIR SYSTEM

AUX. BUILDING

CONTAINMENT BUILDING

RADIATION MONITOR (2RITS-8233) ENCLOSURE (SEE NOTE 11)

NOTES:

1. FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS SEE DWG. NO. M-2170.
2. FOR LOGIC DIAGRAMS SEE DWG. NO. 2424 & 2433.
3. ** INDICATES TO BE FURNISHED BY H&V TEMP. CONTROL SUB-CONTRACTOR.
4. ALL AIR DUCTS, AIR PLENUMS, DAMPERS & DUCT SUPPORTS ON THE DISCHARGE SIDE OF THE CONTAINMENT BLDG. COOLING FANS AND THE CONTAINMENT COOLING UNITS ARE "S".
5. ALL AIR DUCTS FOR THE C.B. PURGE SYSTEM (INSIDE THE C.B.), THE RETURN AIR DUCTS ON THE INLET SIDE OF THE COOLING UNITS, DUCT SUPPORTS & SUPPORTS FOR THE UNIT HEATERS SHALL BE DESIGNED FOR A SEISMIC CLASS I.
6. DELETED.
7. DELETED.
8. CONNECTION PIPING TO BE USED IN HYDROGEN PURGE AIR & SAMPLING SYSTEM, EXCEPT THE PENETRATION PIPING, DO NOT REQUIRE QA LABEL.
9. INSTRUMENTS LISTED IN ABOVE TABLES ARE FOR REFERENCE ONLY.
10. LAST VALVE NUMBER USED: 2PA-18.
11. FAN, HEATER, DAMPER AND LOUVER ARE FIELD PURCHASED. (FOR EQUIPMENT DETAIL SEE DWG. A-2583 & A-2584).
12. FOR LOCATION OF AIR TEMP. SENSORS, SEE INSTRUMENT LOCATION DRAWINGS M-2567 THRU M-2571.
13. FOR LOCATION OF 2XR-8368, SEE DRAWING M-2571.
14. DELETED.
15. COMPUTER INPUT SIGNAL IS COMMON TO PLANT COMPUTER, AND SPDS WITH IDENTICAL POINT I.D.
16. TEMPERATURE INDICATORS (2TI-8364 & 2TI-8368) ARE PROVIDED IN THE ELECTRICAL EQUIPMENT ROOM FOR REMOTE INDICATION OF THE TWO RTD'S 2TE-8364 & 2TE-8368. DURING NORMAL OPERATION. SEE THE PLANT COMPUTER.
17. 2TE-8364 & 2TE-8368 NORMALLY MOUNTED IN THE COMMON HVAC RETURN AIR DUCT (12'0" X 5'4") WILL BE RELOCATED TO THEIR ILRT LOCATIONS DURING THE ILRT AS SHOWN. THESE RTD'S WILL BE PROVIDED WITH SUFFICIENT LENGTH OF COILED CORDS FOR THIS PURPOSE.
18. DELETED
19. DELETED
20. LOOSE CAP FOR AIR BARRIER WHEN NOT IN USE. 14 GA. A-248, F-384 OR F-316 WITH 1 1/2" LIP ALL AROUND. CAP SECURED TO PIPE WITH 1/16" DIA. WIRE SUFFICIENT IN LENGTH TO ALLOW CAP TO BE PUSHED OFF BY WATER PRESSURE.
21. THE INDICATED FAN FLOW IS THE MEASURED DESIGN FLOW FOR DBA CONDITIONS. THE DUCT REGISTER FLOWS INDICATED ARE BASED ON THE ORIGINAL DUCT DESIGN OF 90,000 CFM.

LEGEND	
LINE COLOR	SYSTEM/SMR REPORT
	HYDROGEN CONTROL/82-R-2885-85
	CONTAINMENT COOLING/82-R-2885-84
	LICENSE RENEWAL BOUNDARY

ARKANSAS NUCLEAR ONE
UNIT 2
RUSSELLVILLE, ARKANSAS

PIPING & INSTRUMENT DIAGRAM
AIR FLOW & CONTROL DIAGRAM
HEATING, VENTILATING & AIR COND.
CONTAINMENT BUILDING

DRAWING NO	SHEET	REVISION
LRA-M-2261	1	Ø

Entergy

RED "X" IF ORIGINAL

BASED ON M-2261 SH 1 REV 82

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