FUEL POOL HEAT EXCHANGER
2E27*

FUEL POOL ION EXCHANGER
*2T5

2F32
FUEL POOL ION EXCHANGER STRAINER

FUEL POOL FILTERS
2F4A
2F4B

FUEL POOL PUMPS
2P40A*
2P40B*

2F2
*2P66
FUEL POOL PURIFICATION PUMP

2FIT4
AIR TRAP

REFUELING CANAL

FUEL TILT PIT

2M-18
FUEL POOL SKIMMER CONNECTION

2P86
CASK LOADING PIT

FUEL TILT PIT PUMP

CASK LOADING AREA

FUEL POOL

2M72
2M73
2M74
2M75
½" SIPHON BREAKER

2F-367

2H6
FAILED FUEL ASSEMBLY CONTAINER

REFUELING WATER TANK
M-2286
(H-1)

BORATED WATER
M-2283
(G-1)

SERVICE WATER HEADER #1
M-2218 SH 1
(H-1)

SERVICE WATER HEADER #2
M-2218 SH 2
(H-5)

FROM SERVICE WATER HEADER #2
M-2218 SH 1
(H-5)

HOLDUP TANKS
M-2283 SH 1
(G-6)

GCH
M-2215
(B-4)

PCH
M-2215 SH 5
(B-7)

PCH
M-2215 SH 6
(B-7)

PCH
M-2215 SH 7
(B-7)

RESIN SLUICE
M-2215 SH 1
(H-3)

DRAIN COLLECTION HEADER
M-2215 SH 6
(B-7)

SERVICE WATER
M-2210 SH 3
(C-8)

SERVICE WATER
M-2210 SH 2
(C-8)

CONTAINMENT SUMP
M-2215 SH 6
(C-1)

SPRAY HEADER DRAIN HEADER
M-2279 SH 1
(C-8)

RESIN ADDITION
M-2284
(G-1)

SPENT RESIN TANK
M-2284
(G-1)

FLUSH LINE
M-2284
(H-3)

LOCAL SAMPLE

INTERNALS REMOVED

TELL-TALE DRAIN

GASKET AIR TEST CONN.

FUEL TRANSFER TUBE (IT)

SAC 1 SIAS #1

SAC 2 SIAS #2

NOTES:
1. REF. CE DWG. 6378-218-148, REV. 2.
2. 2LI5-5434 HAS BEEN SPARED PER DCP 82-2042.
3. CHECK VALVE 2FP-43 SHALL BE FLOAT CHECK AT EL. 391'-8".
4. BUTTWELD SPENT RESIN LINE CONNECTIONS AND USE LONG RADIUS PIPE FITTING OR BEND PIPE TO SUIT. LINES TO BE BUTTWELDED ARE 2HCC-34 & 2HCD-84.
5. THE PURPOSE OF 2FI-2468 IS TO PROVIDE INDICATION OF ANY ACCUMULATION OF WATER IN THE GCH. THIS FG AND THE DRAIN CONNECTION OFF LINE 2HBD-14 SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO 2GCH-38.
6. RAISED BAR GRATING SEE DWG. 6600-M-2884.
7. 2LI5-5434 HAS BEEN SPARED PER DCP 82-2042.
8. REFUELING CANAL LINER LEAK CHASE DRAIN VALVES 2FP-1828 AND 2FP-1829 ARE 1/2" VALVES WITH SWAGELOCK CRAWFORD FITTING. REFERENCE DRAWING M-2123 SECTION A-A AND SECTION B-B.
9. TELL-TALE DRAIN TO PREVENT BORATED WATER LEAKAGE TO SERVICE WATER SYSTEM.
10. 2P86 IS A REMOVABLE PUMP THAT IS REMOVED AND STORED WHEN NOT IN USE AND BLIND FLANGE INSTALLED.

LEGEND

| LINE COLOR | SYSTEM/AMR REPORT |
|---|---|
| | CONTAINMENT SPRAY SYSTEM/82-R-2005-03 |
| | SERVICE WATER/82-R-2005-15 |
| | SPENT FUEL POOL/82-R-2005-07 |
| LR | LICENSE RENEWAL BOUNDARY |

ARKANSAS NUCLEAR ONE
UNIT 2
RUSSELLVILLE, ARKANSAS

PIPING & INSTRUMENT DIAGRAM
FUEL POOL SYSTEM

| DRAWING NO | SHEET | REVISION |
|---|---|---|
| LRA-M-2235 | 1 | 0 |

Entergy

BASED ON M-2235 SH 1 REV 66 1

RED "R" IF ORIGINAL

D-43