



Entergy

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2CAN100303

October 14, 2003

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: License Renewal Application Boundary Drawings
Arkansas Nuclear One – Unit 2
Docket No. 50-368
License No. NPF-6

Dear Sir or Madam:

By letter dated October 14, 2003 (2CAN100302), Entergy Operations submitted a License Renewal Application (LRA) for Arkansas Nuclear One, Unit 2 (ANO-2). The ANO-2 LRA references boundary drawings used in the scoping phase of the license renewal project. Enclosed is a copy of the boundary drawings to aid the Staff in the review of the ANO-2 LRA. Should you have any questions concerning this submittal, please contact Ms. Natalie Mosher at (479) 858-4635. There are no new commitments contained in this submittal.

Sincerely,

Sherrie R. Cotton

Sherrie R. Cotton
Director, Nuclear Safety Assurance

SRC/nbm

Enclosures

A100

cc: Dr. Bruce S. Mallett
Acting Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
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U. S. Nuclear Regulatory Commission
Attn: Mr. Thomas Alexion
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**THE FOLLOWING IS A
LISTING OF OVERSIZED
DRAWINGS CONTAINED
WITHIN THIS DOCUMENT.**

**TO VIEW A DRAWING,
REFERENCE THE DRAWING
NUMBER SPECIFIC TO THE
DESIRED DRAWING (NOTED
ON THE LIST) AND LOCATE
IT WITHIN THIS PACKAGE
OR,
PERFORM A SEARCH USING
THE DRAWING NUMBER**

DRAWING NO.	TITLE	SHEET NO.	REV. NO.
1. LRA-M-204	PIPING & INSTRUMENT DIAGRAM EMERGENCY FEEDWATER STORAGE	5	0
2. LRA-M-217	PIPING & INSTRUMENT DIAGRAM EMERGENCY DIESEL GENERATORS FUEL OIL STORAGE	1	0
3. LRA-M-219	PIPING & INSTRUMENT DIAGRAM FIRE WATER	1	0
4. LRA-M-220	PIPING & INSTRUMENT DIAGRAM PLANT HEATING & START-UP BOILER	2	0
5. LRA-M-260	PIPING & INSTRUMENT DIAGRAM AIR FLOW DIAGRAM HVAC MISCELLANEOUS AREAS	3	0
6. LRA-M-2200	PIPING & INSTRUMENT DIAGRAM INSTRUMENT AND COMPONENT SYMBOLS	1	0
7. LRA-M-2200	PIPING & INSTRUMENT DIAGRAM INSTRUMENTATION AND COMPONENT SYMBOLS	2	0
8. LRA-M-2200	PIPING & INSTRUMENT DIAGRAM INSTRUMENTATION AND COMPONENT SYMBOLS	3	0
9. LRA-M-2202	PIPING & INSTRUMENT DIAGRAM LUBE OIL, LUBE OIL COOLING, ELECTRO/ HYDRAULIC CONTROLS & MAIN STEAM	4	0
10. LRA-M-2204	PIPING & INSTRUMENT DIAGRAM EMERGENCY FEEDWATER	4	0
11. LRA-M-2206	PIPING & INSTRUMENT DIAGRAM STEAM GENERATOR SECONDARY SYSTEM	1	0
12. LRA-M-2206	PIPING & INSTRUMENT DIAGRAM STEAM GENERATOR SECONDARY SYSTEM	2	0
13. LRA-M-2210	PIPING & INSTRUMENT DIAGRAM SERVICE WATER SYSTEM	1	0

DRAWING NO.	TITLE	SHEET NO.	REV. NO.
14. LRA-M-2210	PIPING & INSTRUMENT DIAGRAM SERVICE WATER SYSTEM	2	0
15. LRA-M-2210	PIPING & INSTRUMENT DIAGRAM SERVICE WATER SYSTEM	3	0
16. LRA-M-2213	PIPING & INSTRUMENT DIAGRAM LIQUID RADIOACTIVE WASTE SYSTEM	1	0
17. LRA-M-2213	PIPING & INSTRUMENT DIAGRAM LIQUID RADIOACTIVE WASTE SYSTEM REACTOR BUILDING ALL ELEVATORS	8	0
18. LRA-M-2214	PIPING & INSTRUMENT DIAGRAM BORON MANAGEMENT SYSTEM	1	0
19. LRA-M-2215	PIPING & INSTRUMENT DIAGRAM GASEOUS RADIOACTIVE WASTE	1	0
20. LRA-M-2217	PIPING & INSTRUMENT DIAGRAM EMERGENCY DIESEL GENERATOR FUEL OIL SYSTEM	1	0
21. LRA-M-2217	PIPING & INSTRUMENT DIAGRAM EMERGENCY DIESEL GENERATOR STARTING AIR SYSTEM	2	0
22. LRA-M-2217	PIPING & INSTRUMENT DIAGRAM EMERGENCY DIESEL GENERATOR AUXILIARY SYSTEMS	3	0
23. LRA-M-2218	PIPING & INSTRUMENT DIAGRAM SERVICE AIR SYSTEM	1	0
24. LRA-M-2218	PIPING & INSTRUMENT DIAGRAM INSTRUMENT AIR SYSTEM	2	0
25. LRA-M-2218	PIPING & INSTRUMENT DIAGRAM INSTRUMENT AIR SYSTEM	3	0
26. LRA-M-2218	PIPING & INSTRUMENT DIAGRAM BREATHING AIR SYSTEM	5	0
27. LRA-M-2218	PIPING & INSTRUMENT DIAGRAM INSTRUMENT AIR	6	0

DRAWING NO.	TITLE	SHEET NO.	REV. NO.
28. LRA-M-2219	PIPING & INSTRUMENT DIAGRAM FIRE WATER	1	0
29. LRA-M-2219	PIPING & INSTRUMENTATION DIAGRAM FIRE WATER	2	0
30. LRA-M-2219	PIPING & INSTRUMENT DIAGRAM UNIT ONE/UNIT TWO OUTSIDE FIRE WATER LOOP	5	0
31. LRA-M-2219	PIPING & INSTRUMENT DIAGRAM AAC GENERATOR BUILDING FIRE WATER SYSTEM	5A	0
32. LRA-M-2219	PIPING & INSTRUMENT DIAGRAM HALON FIRE SUPPRESSION SYSTEM	6	0
33. LRA-M-2220	PIPING & INSTRUMENT DIAGRAM PLANT HEATING SYSTEM	1	0
34. LRA-M-2221	PIPING & INSTRUMENT DIAGRAM CONTROL & COMPUTER ROOM EMERG. HVAC FREON SYSTEM	2	0
35. LRA-M-2222	PIPING & INSTRUMENT DIAGRAM CHILLED WATER SYSTEM CONTAINMENT, TURBINE & AUX. BLDGS.	1	0
36. LRA-M-2230	PIPING & INSTRUMENT DIAGRAM REACTOR COOLANT SYSTEM	1	0
37. LRA-M-2230	PIPING & INSTRUMENT DIAGRAM REACTOR COOLANT SYSTEM	2	0
38. LRA-M-2231	PIPING & INSTRUMENT DIAGRAM CHEMICAL & VOLUME CONTROL SYSTEM	1	0
39. LRA-M-2231	PIPING & INSTRUMENT DIAGRAM CHEMICAL & VOLUME CONTROL SYSTEM	2	0
40. LRA-M-2232	PIPING & INSTRUMENT DIAGRAM SAFETY INJECTION SYSTEM	1	0
41. LRA-M-2233	PIPING & INSTRUMENT DIAGRAM REACTOR COOLANT PUMP OIL COLLECTION SYSTEM	1	0

DRAWING NO.	TITLE	SHEET NO.	REV. NO.
42. LRA-M-2234	PIPING & INSTRUMENT DIAGRAM COMPONENT COOLING WATER SYSTEM	1	0
43. LRA-M-2235	PIPING & INSTRUMENT DIAGRAM FUEL POOL SYSTEM	1	0
44. LRA-M-2236	PIPING & INSTRUMENT DIAGRAM CONTAINMENT SPRAY SYSTEM	1	0
45. LRA-M-2237	PIPING & INSTRUMENT DIAGRAM SAMPLING SYSTEM	1	0
46. LRA-M-2238	PIPING & INSTRUMENT DIAGRAM REACTOR COOLANT PUMP CONNECTIONS	1	0
47. LRA-M-2239	PIPING & INSTRUMENT DIAGRAM NITROGEN ADDITION SYSTEM	1	0
48. M-2239	PIPING & INSTRUMENT DIAGRAM ELECTRICAL PENETRATION NITROGEN PRESSURIZATION SYSTEM	2	0
49. LRA-M-2241	PIPING & INSTRUMENT DIAGRAM AAC GENERATOR SYSTEM ENGINE COOLING WATER SUBSYSTEM	1	0
50. LRA-M-2241	PIPING & INSTRUMENT DIAGRAM AAC GENERATOR SYSTEM AIR INTAKE & EXHAUST SUBSYSTEM	2	0
51. LRA-M-2241	PIPING & INSTRUMENT DIAGRAM AAC GENERATOR SYSTEM FUEL OIL SUBSYSTEM	3	0
52. LRA-M-2241	PIPING & INSTRUMENT DIAGRAM AAC GENERATOR SYSTEM STARTING AIR & SERVICE AIR SUBSYSTEMS	4	0
53. LRA-M-2241	PIPING & INSTRUMENT DIAGRAM AAC GENERATOR SYSTEM LUBE OIL SYSTEM	5	0
54. LRA-M-2260	PIPING & INSTRUMENT DIAGRAM AIR FLOW DIAGRAM HEATING, VENTILATING & AIR CONDITIONING TURBINE BLDG. & MISC. AREA	1	0

DRAWING NO.	TITLE	SHEET NO.	REV. NO.
55. LRA-M-2260	AIR FLOW DIAGRAM AAC GENERATOR BUILDING HEATING, VENTILATION & AIR CONDITION SUBSYSTEM	4	0
56. LRA-M-2261	PIPING & INSTRUMENT DIAGRAM AIR FLOW & CONTROL DIAGRAM HEATING, VENTILATING & AIR COND. CONTAINMENT BUILDING	1	0
57. LRA-M-2261	FLOW & CONTROL DIAGRAM HEATING, VENTILATION & AIR CONDITIONING CONTAINMENT BUILDING	2	0
58. LRA-M-2261	AIR FLOW & CONTROL DIAGRAM HVAC POST ACCIDENT HYDROGEN ANALYSIS SYSTEM	3	0
59. LRA-M-2261	PIPING & INSTRUMENT DIAGRAM AIR FLOW & CONTROL DIAGRAM HEATING, VENTILATING & AIR COND. CONTAINMENT BUILDING	4	0
60. LRA-M-2262	PIPING & INSTRUMENT DIAGRAM HEATING, VENTILATING AIR CONDITIONING AUX. BLDG. - RADWASTE AREA	1 OF 3	0
61. LRA-M-2262	PIPING & INSTRUMENT DIAGRAM AIR FLOW DIAGRAM HEATING, VENTILATING AIR CONDITIONING AUX. BLDG. RADWASTE AREA	2	0
62. LRA-M-2263	PIPING & INSTRUMENT DIAGRAM UNITS 1 & 2 CONTROL & COMPUTER ROOMS HVAC	1	0
63. LRA-M-2263	PIPING & INSTRUMENT DIAGRAM AIR FLOW & CONTROL DIAGRAM HEATING, VENTILATING, AIR COND. AUX. BLDG. OFFICE/CA-2 AREA	5	0
64. LRA-M-2263	PIPING & INSTRUMENT DIAGRAM AIR FLOW DIAGRAM HVAC AUX. BLDG. - MISC. ROOMS	6	0