UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

ARKANSAS POWER & LIGHT COMPANY

DOCKET NO. 50-368

ARKANSAS NUCLEAR ONE, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 35
License No. NPF-6

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Arkansas Power & Light Company (the licensee) dated August 23, 1982, as supplemented September 22, 1982, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-6 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 35 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the
Technical Specifications

Date of Issuance: October 15, 1982

ATTACHMENT TO LICENSE AMENDMENT NO. 35

FACILITY OPERATING LICENSE NO. NPF-6

DOCKET NO. 50-368

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. Corresponding overleaf pages are provided to maintain document completeness.

Remove Pages	Insert Pages
3/4 8-11 through 3/4 8-32	3/4 8-11 through 3/4 8-32

ELECTRICAL POWER SYSTEMS

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

LIMITING CONDITION FOR OPERATION

3.8.2.5 All containment penetration conductor overcurrent protective devices shown in Table 3.8-1 shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With one or more of the containment penetration conductor overcurrent protective devices shown in Table 3.8-1 inoperable:

a. De-energize the circuit(s) by tripping the associated backup circuit breaker within 72 hours and verifying the backup circuit breaker to be tripped at least once per 7 days thereafter; the provisions of Specification 3.0.4 are not applicable to overcurrent devices in circuits which have their backup circuit breakers tripped, or

b. Be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.8.2.5 All containment penetration conductor overcurrent protective devices shown in Table 3.8-1 shall be demonstrated OPERABLE in accordance with the manufacturers' recommendations:

a. At least once per 18 months:

1. For at least one 6.9 kv reactor coolant pump circuit, such that all reactor coolant pump circuits are demonstrated OPEARABLE at least once per 72 months, by performance of:

(a) A CHANNEL CALIBRATION of the associated protective relays, and

(b) An integrated system functional test which includes simulated automatic actuation of the system and verifying that each relay and associated circuit breakers and control circuits function as designed.

SURVEILLANCE REQUIREMENTS (Continued)

2. For molded case circuit breakers, by performance of a functional test of a least one circuit breaker of each type, such that all circuit breakers of each type are demonstrated OPERABLE at least once per N x 18 months, where N is the number of circuit breakers of each type. The functional test shall consist of injecting a current input at the specified setpoint to the circuit breaker and verifying that the circuit breaker functions as designed. If any circuit breaker fails to function as designed, all other circuit breakers of that type shall be tested.

b. At least once per 60 months by subjecting each circuit breaker to an inspection and preventive maintenance in accordance with procedures prepared in conjunction with its manufacturer's recommendations.

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
A. 6900 KVAC			
152-11	152-13, or 152-14, or 152-15	Switchgear 2H1	RCP 2P32A
152-12	152-13, or 152-14, or 152-15	Switchgear 2H1	RCP 2P32D
152-21	152-23, or 152-24, or 152-25	Switchgear 2H2	RCP 2P32B
152-22	152-23, or 152-24, or 152-25	Switchgear 2H2	RCP 2P32C
B. 480 VAC			
52-131	None, circuit shall not be energized unless plant is shutdown	2B1	Containment Building Crane 2LM2
52-P501 thru 52-P504	52-523	Primary - 2PP5 Backup - 2B5	Pressurizer Proportional Heater Bank 1
52-533	52-512	2B5	Hydrogen Recombiner 1
52-P601 thru 52-P604	52-623	Primary - 2PP6 Backup - 2B6	Pressurizer Proportional Heater Bank 2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
52-633	52-612	2B6	Hydrogen Recombiner 2
52-731	52-732	2B7	MCC 2B71
52-824	52-823	2B8	MCC 2B81
52-P701 thru 52-P706	52-922	Primary - 2PP7 Backup - 2B9	Pressurizer Backup Heater Bank 3
52-P901 thru 52-P906	52-923	Primary - 2PP9 Backup - 2B9	Pressurizer Backup Heater Bank 5
52-P801 thru 52-P806	52-1022	Primary - 2PP8 Backup - 2B10	Pressurizer Backup Heater Bank 4
52-1001 thru 52-1006	52-1023	Primary - 2PP10 Backup - 2B10	Pressurizer Backup Heater Bank 6
C. 480 VAC MCC			
52-51A4	52-51H2	MCC 2B51	Reactor Cavity Cooling Fan 2VSF34A-1
52-51B2	52-51H3	MCC 2B51	Containment Sump Isolation MOV 2CV-2060-1
52-51D3	52-51H4	MCC 2B51	Containment Recirculating Fan 2VSF31A-1

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
52-51D4	52-51H5	MCC 2B51	Containment Recirculating Fan 2VSF31C-1
52-51E2	52-51H6	MCC 2B51	Reactor Drain Tank Drain Isolation Valve 2CV-2202-1
52-51F1	52-51H7	MCC 2B51	RCP Controlled Bleedoff Isolation Valve 2CV-4846-1
52-51F2	52-51H8	MCC 2B51	Safety Injection Tank 2T2A Discharge MOV 2CV-5003-1
52-51G2	52-51L2	MCC 2B51	Shutdown Cooling Return Header Iso. Valve 2CV-5084-1
52-51G3	52-51H9	MCC 2B51	Check Valve Leakage Drain Valve 2CV-5105-1
52-5H1	52-51L3	MCC 2B51	Safety Injection Tank 2T2B Discharge MOV 2CV-5023-1
52-51K1	52-51L4	MCC 2B51	Containment Sump Isolation MOV 2CV-5647-1

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
52-51K3	52-51L5	MCC 2B51	Containment Air Purge Isolation Valve 2CV-8289-1
52-51K4	52-51L6	MCC 2B51	Containment Air Purge Isolation Valve 2CV-8291-1
52-51L1	52-51L7	MCC 2B51	Containment Vent Header Isolation Valve 2CV-2401-1
52-51M1	52-51L8	MCC 2B51	Regenerative Heat Exchanger Inlet Valve 2CV-4821-1
52-51N3	52-51L9	MCC 2B51	Reactor Cavity Cooling Fan Bypass Damper 2HC08243-1
52-53G1	52-53A5	MCC 2B53	Containment Cooling Fan Bypass Damper Motor 2UCDM8203-1
52-53G2	52-53A6	MCC 2B53	Containment Cooling Fan Bypass Damper Motor 2UCDM8209-1
52-53L1	52-53K5	MCC 2B53	Containment Cooling Fan 2VSF1A
52-53L2	52-53K6	MCC 2B53	Containment Cooling Fan 2VSF1B

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
52-54J2	52-54J3	MCC 2B54	Containment Elevator Motor 2MM6
52-54K2	52-54J4	MCC 2B54	Containment Building Lighting Panel 27 LA
52-54K3	52-54J8	MCC 2B54	RCP 2P3A Oil Lift Pumps 2P63A1 & A2
52-54K4	52-54F3	MCC 2B54	RCP 2P32B Oil Lift Pumps 2P63B1 & B2
52-61A4	52-61H3	MCC 2B61	Reactor Cavity Cooling Fan 2VSF34B-2
52-6103	52-61H4	MCC 2B61	Containment Recirculating Fan 2VSF31B-2
52-6104	52-61H5	MCC 2B61	Containment Recirculating Fan 2VSF31D-2
52-61F2	52-61H6	MCC 2B61	Safety Inject. Tank 2T2C Discharge MOV 2CV-5043-2
52-61G2	52-61K8	MCC 2B61	Check Valve Leakage Drain Valve 2CV-5106-2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
52-61G3	52-61H7	MCC 2B61	Reactor Cooling System Charging Line MOV 2CV-4831-2
52-61G4	52-61H8	MCC 2B61	Reactor Cooling System Charging Line MOV 2CV-4827-2
52-61H1	52-61K3	MCC 2B61	Safety Inj. Tank 2T2D Dis. MOV 2CV-5063-2
52-61H2	52-61K7	MCC 2B61	Containment Sump Iso. MOV 2CV-5048-2
52-61L3	52-61K4	MCC 2B61	Letdown Line Stop Valve 2CV-4820-2
52-61N2	52-61K6	MCC 2B61	Reactor Cavity Cooling Fan Damper 2HCO 8244-2
52-62E5	52-62C2	MCC 2B62	Shutdown Cooling Return Header Iso. Valve 2CV-5086-2
52-63F2	52-63E1	MCC 2B63	Containment Chilled Water Isol. Valve 2CV-3850-2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
52-63G4	52-63E2	MCC 2B63	RCP Cooler Iso. Valve 2CV-5254-2
52-63L1	52-63J1	MCC 2B63	Containment Cooling Fan 2VSF1C
52-63L2	52-63J2	MCC 2B63	Containment Cooling Fan 2VSF1D
52-64D4	52-64B3	MCC 2B64	Containment Cooling Fan Bypass Damper Motor 2UCDM 8216-2
52-64E3	52-64B4	MCC 2B64	Pressurizer Auxiliary Spray MOV 2CV-4824-2
52-64E4	52-64C2	MCC 2B64	Containment Cooling Fan Bypass Damper Motor 2UCDM 8222-2
52-64J1	52-64B1	MCC 2B64	RCP 2P32C Oil Lift Pumps 2P63C1 & C2
52-64K1	52-64H2	MCC 2B64	RCP 2P32D Oil Lift Pumps 2P63D1 & D2

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
D. 480 /277			
21PA-19	52-15C1	Primary - 21PA Backup - 2B15	Space Heater for RCP 2P32A
21PA-25	52-15C1	Primary - 21PA Backup - 2B15	Space Heater for RCP 2P32B
21PA-31	52-15C1	Primary - 21PA Backup - 2B15	Space Heater for RCP 2P32C
21PA-20	52-15C1	Primary - 21PA Backup - 2B15	Space Heater for RCP 2P32D
E. 125 VAC			
72-0318	72-0320	DC Control Center 2D03	Containment Bldg 125 VDC Lighting Panel 22DA
72-26A3	72-26A2	DC MCC 2D26	Pressurizer Vent Valve 2CV-4697-2
72-27A3	72-27A2	DC MCC 2D27	Pressurizer Vent Valve 2CV-4698-1
6 amp fuse in 2C116	2D21BKR26	DC MCC 2D21	RCS Sample Line Solenoid Valves 2SV-4632, 39 & 65
F. 240 VAC			
CEA 1 CB101	CB3021 & CB3022	2C72	CEA 1

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 2 CB101	CB3001	2C70	CEA 2
CEA 3 CB102	CB3001	2C70	CEA 3
CEA 4 CB103	CB3001	2C70	CEA 4
CEA 5 CB104	CB3001	2C70	CEA 5
CEA 6 CB101	CB3002	2C70	CEA 6
CEA 7 CB102	CB3002	2C70	CEA 7
CEA 8 CB103	CB3002	2C70	CEA 8
CEA 9 CB104	CB3002	2C70	CEA 9
CEA 10 CB101	CB3002	2C70	CEA 10
CEA 11 CB102	CB3003	2C70	CEA 11
CEA 12 CB103	CB3003	2C70	CEA 12

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 13 CB104	CB3003	2C70	CEA 13
CEA 14 CB101	CB3004	2C70	CEA 14
CEA 16 CB102	CB3004	2C70	CEA 16
CEA 18 CB103	CB3004	2C70	CEA 18
CEA 20 CB104	CB3004	2C70	CEA 20
CEA 15 CB101	CB3005	2C70	CEA 15
CEA 17 CB102	CB3005	2C70	CEA 17
CEA 19 CB103	CB3005	2C70	CEA 19
CEA 21 CB104	CB3005	2C70	CEA 21
CEA 22 CB101	CB3006	2C70	CEA 22
CEA 23 CB102	CB3006	2C70	CEA 23

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CB24 CB103	CB3006	2C70	CEA 24
CEA 25 CB104	CB3006	2C70	CEA 25
CEA 26 CB101	CB3007	2C70	CEA 26
CEA 27 CB102	CB3007	2C70	CEA 27
CEA 28 CB103	CB3007	2C70	CEA 28
CEA 29 CB104	CB3007	2C70	CEA 29
CEA 30 CB101	CB3008	2C70	CEA 30
CEA 32 CB102	CB3008	2C70	CEA 32
CEA 34 CB103	CB3008	2C70	CEA 34
CEA 36 CB104	CB3008	2C70	CEA 36
CEA 31 CB101	CB3009	2C70	CEA 31

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 33 CB102	CB3009	2C70	CEA 33
CEA 35 CB103	CB3009	2C70	CEA 35
CEA 37 CB104	CB3009	2C70	CEA 37
CEA 38 CB101	CB3010	2C70	CEA 38
CEA 40 CB102	CB3010	2C70	CEA 40
CEA 42 CB103	CB3010	2C70	CEA 42
CEA 44 CB104	CB3010	2C70	CEA 44
CEA 39 CB101	CB3011	2C71	CEA 39
CEA 41 CB102	CB3011	2C71	CEA 41
CEA 43 CB103	CB3011	2C71	CEA 43
CEA 45 CB104	CB3011	2C71	CEA 45

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 46 CB101	CB3012	2C71	CEA 46
CEA 47 CB102	CB3012	2C71	CEA 47
CEA 48 CB103	CB3012	2C71	CEA 48
CEA 49 CB104	CB3012	2C71	CEA 49
CEA 50 CB101	CB3013	2C71	CEA 50
CEA 52 CB102	CB3013	2C71	CEA 52
CEA 54 CB103	CB3013	2C71	CEA 54
CEA 56 CB104	CB3013	2C71	CEA 56
CEA 51 CB101	CB3014	2C71	CEA 51
CEA 53 CB102	CB3014	2C71	CEA 53
CEA 55 CB103	CB3014	2C71	CEA 55

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 57 CB104	CB3014	2C71	CEA 57
CEA 58 CB101	CB3015	2C71	CEA 58
CEA 59 CB102	CB3015	2C71	CEA 59
CEA 60 CB103	CB3015	2C71	CEA 60
CEA 61 CB104	CB3015	2C71	CEA 61
CEA 62 CB101	CB3016	2C71	CEA 62
CEA 64 CB102	CB3016	2C71	CEA 64
CEA 66 CB103	CB3016	2C71	CEA 66
CEA 68 CB104	CB3016	2C71	CEA 68
CEA 63 CB101	CB3017	2C71	CEA 63
CEA 65 CB102	CB3017	2C71	CEA 65

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 67 CB103	CB3017	2C71	CEA 67
CEA 69 CB104	CB3017	2C71	CEA 69
CEA 70 CB101	CB3018	2C71	CEA 70
CEA 73 CB102	CB3018	2C71	CEA 73
CEA 76 CB103	CB3018	2C71	CEA 76
CEA 79 CB104	CB3018	2C71	CEA 79
CEA 71 CB101	CB3019	2C71	CEA 71
CEA 74 CB102	CB3019	2C71	CEA 74
CEA 77 CB103	CB3019	2C71	CEA 77
CEA 80 CB104	CB3019	2C71	CEA 80
CEA 72 CB101	CB3020	2C71	CEA 72

TABLE 3.8-1 (Continued)

CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

PRIMARY DEVICE NUMBER	BACKUP DEVICE NUMBER	LOCATION OF DEVICES	SYSTEM POWERED
CEA 75 CB102	CB3020	2C71	CEA 75
CEA 78 CB103	CB3020	2C71	CEA 78
CEA 81 CB104	CB3020	2C71	CEA 81

TABLE 3.8-1

TABLE NOTATION DELETED

PAGES 3/4 8-29 THROUGH 3/4 8-31 ARE LEFT BLANK INTENTIONALLY