



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

ARKANSAS POWER AND LIGHT COMPANY

DOCKET NO. 50-368

ARKANSAS NUCLEAR ONE, UNIT 2

FACILITY OPERATING LICENSE

Amendment No. 6
License No. NPF-6

1. The Nuclear Regulatory Commission (the Commission) having found that:
 - A. The issuance of this license amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter 1;
 - B. The facility will operate in conformity with the license, as amended, the provisions of the Act, and the 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 regulations of the Commission;
 - 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.
2. Accordingly, the amended Facility Operating License NO. NPF-6 is hereby amended by changing the Technical Specifications as indicated in the attachment to this license amendment.

2.C.(2) Technical Specifications

The Technical Specifications contained in Appendices A & B as revised through Amendment No. 6, are hereby incorporated in license NPF-6. Arkansas Power and Light Company shall operate the facility in accordance with the Technical Specifications except for the following specific exemptions.

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The licensee shall be exempted from compliance with the following Appendix A Technical Specification related to the steam generator low water level trip setpoint while conducting the steam generator feedwater system waterhammer testing during the initial startup and power ascension testing program. The value of the steam generator low water level trip setpoint in Item 8(b) of Technical Specification Table 3.3-4 may be reduced, during this testing only, from a value of greater than or equal to 49.4 percent to greater than or equal to 10.0 percent. The licensee shall be exempted from compliance with Appendix A Technical Specification 3.3.3.6 for the Containment Radiation Monitors during Mode 3 operations.

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

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by

John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

Attachment:
Changes to the Technical
Specifications

Date of Issuance: NOV 18 1978

ATTACHMENT TO LICENSE AMENDMENT NO. 6

FACILITY OPERATING LICENSE NO. NPF-6

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The requirements of Technical Specification 3.8.1.1.b and 4.8.1.1.2 related to alternating current (a-c) power source operation are temporarily changed on a one-time basis to the requirements described below. These revised Technical Specification requirements expire when the Commission has made a written determination that both diesel generators are operational, but not later than three weeks from the date of issuance of this license amendment.

LIMITING CONDITION FOR OPERATION

3.8.1.1

- b. One independent diesel generator with:
 - 1. A day fuel tank containing a minimum volume of 280 gallons of fuel (equivalent to 50% of indicated tank volume),
 - 2. A separate fuel storage system containing a minimum volume of 22,500 gallons of fuel (equivalent to 100% of indicated tank level), and
 - 3. A separate fuel transfer pump.

APPLICABILITY: MODES 3 and 4.

- a. Delete
- b. With one offsite circuit of the above required a-c electrical power sources inoperable, demonstrate the OPERABILITY of the remaining a-c source by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter, restore the inoperable sources to OPERABLE status within 12 hours or be in COLD SHUTDOWN within the following 30 hours.
- c. With two of the above required offsite a-c circuits inoperable, demonstrate the OPERABILITY of the diesel generator by performing Surveillance Requirement 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter, unless the diesel generator is already operating; restore at least one of the inoperable offsite sources to OPERABLE status within 4 hours and restore at least two offsite circuits to OPERABLE status within 12 hours from time of initial loss or be in COLD SHUTDOWN within the following 30 hours.

ELECTRICAL POWER SYSTEMS

ACTION (Continued)

- d. With the above required diesel generator inoperable, demonstrate the OPERABILITY of two offsite a-c circuits by performing Surveillance Requirement 4.8.1.1.1.a within one hour and at least once per 8 hours thereafter; restore the inoperable diesel generator to OPERABLE status within 2 hours or be in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.8.1.1.2 The diesel generator shall be demonstrated Operable.

- a. On a frequency of once every 3 days by:

In addition, the relief from Technical Specification 3.8.1.1.b is subject to the following provisions that the licensee shall:

- (1) Verify at least once per 24 hours that the reactor coolant system boron concentration is equal to or greater than 1731 parts per million.
- (2) Secure all deboration paths. In addition during the time of relief verify the lineups at least once per eight hours.
- (3) Verify that all control element assemblies not being actively tested are fully inserted and deenergized. In addition during the time of relief the control element assemblies not being actively tested shall be verified to be fully inserted and deenergized at least once per eight hours.