

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-313

ARKANSAS POWER AND LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 2 to Facility Operating License No. DPR-51 issued to Arkansas Power and Light Company which revised Technical Specifications for operation of the Arkansas Nuclear One - Unit 1, located in Pope County, Arkansas. The amendment is effective 30 days after its date of issuance.

The amendment: (1) provides for automatic setting of the 5 percent overpower trip, (2) requires a redefinition of the total specific activity limit in the reactor coolant and reduces the radioiodine activity limit in the secondary coolant, (3) adds a radioiodine activity limit for the reactor coolant, (4) deletes the Core Flooding Tank (CFT), pressure and level instrumentation maintenance restrictions, (5) adds setpoints for the Decay Heat Removal System (DHRS) regarding isolation valve closure and relief valve opening, (6) makes the operational power imbalance envelope curve compatible with the protective system maximum allowable setpoints, (7) permits the change in testing requirements for DHRS isolation valve closure, (8) requires additional sampling and analysis frequency and tests on the reactor coolant and secondary coolant, (9) deletes certain sampling and analysis tests on the reactor coolant

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and secondary coolant, (10) adds testing requirements as notes to the Minimum Sampling and Analysis Frequency Table, (11) requires test frequency of personnel hatch and emergency hatch door seals to comply with Appendix J, 10 CFR Part 50, and (12) requires testing of all three battery chargers.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

For further details with respect to this action, see (1) the application for amendment dated January 17, 1975, and March 28, 1975, (2) Amendment No. 2 to License No. DPR-51, with Change No. 2, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Arkansas Polytechnic College, Russellville, Arkansas.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555,

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Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this *9th day of May, 1975.*

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by  
Dennis L. Ziemann

Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Reactor Licensing

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