

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-368

ARKANSAS POWER AND LIGHT COMPANY

ARKANSAS NUCLEAR ONE, UNIT 2

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 7 to Facility Operating License No. NPF-6 to Arkansas Power and Light Company for operation of Arkansas Nuclear One, Unit 2 (the facility) located at the licensee's site in Pope County, Arkansas. The amended license is effective as of its date of issuance.

The amendment modifies or removes three conditions to Facility Operating License No. NPF-6 that had restricted the facility from going critical and operating at full power. One of these conditions is removed by finding that the environmental qualification test results are acceptable for certain safety-related instrumentation located inside containment. Modifications to two other conditions include changes to the Technical Specifications to permit reliance on portable radiation monitors to meet the requirement for the capability to monitor the radiation level inside the containment following an accident; and a restriction on making any software changes on the core protection calculator system pending Commission approval of change procedures.

The amendment also reflects modification to or removal of other license conditions involving acceptable completion of certain conduit penetration fire barrier testing; correction of an implementation date for an action required by the fire protection program; completion of acceptable changes needed for protection from degraded offsite power voltage; and modification of the schedule for the remaining actions needed to complete the review of three core protection calculator system positions.

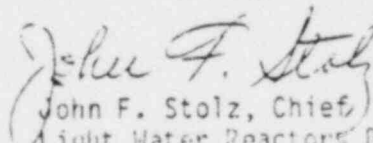
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The Commission has made appropriate findings as required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations in 10 CFR Chapter I, which are set forth in the amended license. The application for the license complies with the standards and requirements of the Act and the Commission's regulations.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR Section 51.5(d)(4) an environmental impact statement, or negative declaration and environmental appraisal impact need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) Amendment No. 7 to Facility Operating License No. NPF-6 complete with Preoperational Tests and Other Items Which Must Be Completed By the Indicated Operational Mode (Attachment 2); and (2) the Commission's related Safety Evaluation supporting Amendment No. 7 to License No. NPF-6. These items are available for public inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. 20555 and the Arkansas Polytechnic College, Russellville, Arkansas 72801. A copy of items (1) and (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Project Management, Office of Nuclear Reactor Regulation.

Dated at Bethesda, Maryland this 1 day of *December* 1978.


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