

Docket No. 50-368

DEC 13 1983

*Docket File
ACSMS-016
47*

Mr. John M. Griffin, Vice President
Nuclear Operations
Arkansas Power & Light Company
P. O. Box 551
Little Rock, Arkansas 72203

Dear Mr. Griffin:

The Commission has issued the enclosed Amendment No. 51 to Facility Operating License No. NPF-6 for Arkansas Nuclear One, Unit No. 2. This amendment is in response to your application dated March 22, 1982, as superseded by your revised application dated April 5, 1982.

The amendment revises the Technical Specifications (TS) to require periodic testing of the motor driven emergency feedwater (EFW) pump at specified discharge pressure and flow rate in order to ensure its operability by verification of proper discharge pressure and flow rate. In addition, the amendment revises the required flow rate of the turbine driven EFW pump during a surveillance test from 560 gpm to 485 gpm.

By letter dated November 6, 1979, we advised you of our requirements for ANO-2 EFW system which were identified during the course of the NRR Bulletins and Orders Task Force review of operating reactors in light of the accident at Three Mile Island, Unit 2. The periodic testing of the motor driven EFW pump at specified discharge pressure and flow rate was one of our recommendations in the above letter.

Your proposed change regarding the periodic testing of the motor driven EFW pump complies with our recommendation, and is therefore acceptable. Our letter to you of November 6, 1979, together with this letter, constitutes our Safety Evaluation of this subject matter.

Your proposed change regarding the required flow rate of the turbine driven EFW pump during a surveillance test is acceptable. Our acceptance is based on the fact that the flow rate of 485 gpm which is capable of being supplied to the steam generators at a discharge pressure of 1200 psig is sufficient to ensure that adequate feedwater flow is available to transfer heat loads from the reactor system to a heat sink under both normal operating and accident conditions, and is within the acceptable limit of a feedwater flow of 485 gpm at a pressure of 1100 psig to the entrance of the steam generators defined in the ANO-2 TS bases.

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Mr. John M. Griffin

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We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact, and pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendment.

We have also concluded, based on the consideration discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

The notice of issuance will be included in the Commission's next monthly Federal Register Notice.

Sincerely,

Original Signed by J. R. Miller

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:

1. Amendment No. 51 to NPF-6

cc w/enclosure:
See next page

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immediately prior to issuing amendment, check to see that no sig. hazard comments or hearing requests have been filed. If they have been, notify OGLD before issuing amendment.

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Arkansas Power & Light Company

cc:

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Representative
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Mr. Frank Wilson
Director, Division of Environmental
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Arkansas Department of Health
4815 West Markman Street
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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. 51
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 March 22, 1982 as superseded by the application dated April 5, 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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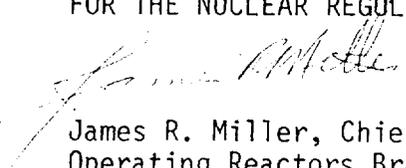
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-6 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 51, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, except where otherwise stated in specific license conditions.

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

FOR THE NUCLEAR REGULATORY COMMISSION


James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance:

ATTACHMENT TO LICENSE AMENDMENT NO. 51

FACILITY OPERATING LICENSE NO. NPF-6

DOCKET NO. 50-368

Replace the following page of the Appendix "A" Technical Specifications with the enclosed page. The revised page is identified by Amendment number and contains vertical lines indicating the areas of change.

Remove Page

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Insert Page

3/4 7-5

PLANT SYSTEMS

EMERGENCY FEEDWATER SYSTEM

LIMITING CONDITION FOR OPERATION

3.7.1.2 Two emergency feedwater pumps and associated flow paths shall be OPERABLE with:

- a. One motor driven pump capable of being powered from an OPERABLE emergency bus, and
- b. One turbine driven pump capable of being powered from an OPERABLE steam supply system.

APPLICABILITY: MODES 1, 2 and 3.

ACTION:

With one emergency feedwater pump inoperable, restore the inoperable pump to OPERABLE status within 72 hours or be in HOT SHUTDOWN within the next 12 hours.

SURVEILLANCE REQUIREMENTS

4.7.1.2 Each emergency feedwater pump shall be demonstrated OPERABLE:

- a. At least once per 31 days by:
 1. Verifying that the turbine driven pump delivers a flow of ≥ 485 gpm which is capable of being supplied to the steam generators at a discharge pressure of ≥ 1200 psig when the secondary steam supply pressure is greater than 865 psig. The provisions of Specification 4.0.4 are not applicable.
 2. Verifying that the electric driven pump delivers a flow of ≥ 485 gpm which is capable of being supplied to the steam generators at a discharge pressure of ≥ 1200 psig.
 3. Verifying that each valve (manual, power operated or automatic) in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.