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Docket No. 50-368

✓ Docket File  
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*T Wambach*

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 Exemption to the schedular requirements as set forth in 10 CFR 50.48(c)(3) for implementation of modifications to the switchgear in Fire Zones 2100-Za and 2101-AA of Arkansas Nuclear One, Unit No. 2 (ANO 2). This Exemption extends the completion date for the aforesaid modifications from prior to startup following the completion of the refueling outage, 2R3, which began in October 1983, to the completion of the subsequent refueling outage, 2R4, expected to begin July 1985.

In your letter of July 1, 1982, you stated that long lead time was required to obtain the switchgear equipment to effect the modification and that the modification could be accomplished only during an outage. In addition, by letter dated July 29, 1982, you indicated that the earliest anticipated delivery schedule for this equipment would be December 1983 to February 1984, and it would not be possible to install the equipment during the 2R3 outage as required. In our letter dated June 21, 1983, we requested that you submit a revised schedular exemption request which provides sufficient justification. In your letters dated July 13 and September 27, 1983, you responded to our request.

We have granted an exemption to 10 CFR 50.48(c)(3), which extends the completion date of the switchgear modification in Fire Zones 2100-Z and 2101-AA to the end of the 2R4 refueling outage, presently expected to begin in July 1985.

A copy of the Exemption is being filed with the Office of the Federal Register for publication.

Sincerely,

Original signed by:

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

*James R. Miller*  
 10/31/83

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Enclosure: Exemption

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 OELD Shields  
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*JVM*  
 10/24/83

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SURNAME	See next page	PMKreutzer	RSLee: dd	JR Miller	GCLainas	DEisenhut
DATE		10/20/83	10/27/83	10/27/83	10/25/83	10/27/83



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

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PMKreutzer

Docket No **50-368**

Docketing and Service Section  
Office of the Secretary of the Commission

SUBJECT: **Arkansas Power and Light Company, Exemption Unit No.2**

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( **6** ) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Exemption, 10 CFR 50.48(c)(3) for implementation of modifications to the switchgear in Fire Zones 2100-7 and 2101-AA of Arkansas Nuclear One, Unit No. 2.

Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosure:  
As Stated

OFFICE →	ORB#3:DL				
NAME →	PMKreutzer:dd				
DATE →	11/1/83				

Arkansas Power & Light Company

cc:

Mr. John Marshall  
Manager, Licensing  
Arkansas Power & Light Company  
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Nuclear Power Generation Division  
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Washington, D. C. 20036

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Manager - Washington Nuclear  
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Regional Administrator  
Nuclear Regulatory Commission, Region IV  
Office of Executive Director for Operations  
611 Ryan Plaza Drive, Suite 1000  
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Mr. J. Callan  
U.S. NRC  
P. O. Box 2090  
Russellville, Arkansas 72801

U.S. Environmental Protection Agency  
Region VI Office  
ATTN: Regional Radiation  
Representative  
1201 Elm Street  
Dallas, Texas 75270

Mr. Frank Wilson  
Director, Division of Environmental  
Health Protection  
Arkansas Department of Health  
4815 West Markman Street  
Little Rock, Arkansas 72201

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
 )  
ARKANSAS POWER & LIGHT COMPANY ) Docket No. 50-368  
(Arkansas Nuclear One, Unit 2) )  
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EXEMPTION

I.

The Arkansas Power and Light Company (the licensee) is the holder of Facility Operating License No. NPF-6 which authorizes operation of Arkansas Nuclear One, Unit No. 2 (ANO-2). This license provides, among other things, that it is subject to all rules, regulations and Orders of the Commission now or hereafter in effect.

The facility uses a Combustion Engineering, Inc. pressurized water reactor at the licensee's site located in Pope County, Arkansas.

II.

Section 50.48(c)(3) of 10 CFR 50 requires that certain features of the facility fire protection program, specifically those that involve installation of modifications which can be effected only during an outage, shall be implemented before startup after the earliest of the following events commencing 180 days or more after February 17, 1981:

- (1) The first refueling outage;
- (2) Another planned outage that lasts for at least 60 days; or
- (3) An unplanned outage that lasts for at least 120 days.

For ANO-2, the Commission granted, on May 10, 1982, an exemption with respect to the requirements of 10 CFR 50.48(c)(3). The exemption extended the date, February 17, 1981, from which the installation schedules established in 10 CFR 50.48(c)(3) are calculated, to July 1, 1982.

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By letter dated July 1, 1982, the licensee requested an exemption from the 50.48 schedular requirement, delaying the modification of the switchgear in Fire Zones 2100-Z and 2101-AA from the completion of the refueling outage, 2R3, which began in October 1983, to the completion of the subsequent outage, 2R4, expected to begin in July 1985. The delay is necessitated because of the long procurement lead time required in getting the switchgear equipment from the vendor.

By letter dated September 27, 1983, the licensee informed the staff that it had made a substantial effort to have the switchgear equipment delivered and installed during the 2R3 outage, thus eliminating the need for a schedular exemption. However, the licensee encountered an unanticipated problem in that the vendor was planning to manufacture the switchgear equipment at a facility which was not on the licensee's Qualified Vendor List. This would have resulted in the licensee performing a detailed and time-consuming Quality Assurance audit of the facility in question to ensure the equipment met the licensee's Quality Assurance Standards. Diligent negotiation, which was concluded in mid-August 1983, resulted in the manufacture of the equipment at a facility on the licensee's Qualified Vendor List. However, delivery of the switchgear equipment is not expected until late January 1984. Thus, the equipment would not be received in time to be installed during the current refueling outage, as required by 10 CFR 50.48(c).

The licensee stated in a letter dated July 13, 1983 that the affected fire zones are all equipped with ionization type smoke detectors which alarm in the control room to provide early fire detection capability and that the additional fire preventive measures are provided by the licensee's Auxiliary Operators, who routinely walk through these zones during the performance of their duties.

Based on the above considerations, we find that the licensee has made a good faith effort to complete the modification during the current outage as required by 10 CFR 50.48(c). We find that the licensee encountered an unanticipated procurement problem and that the delivery of the equipment will not be made in time to effect the modification. We also find that, because of the fire preventive measures already provided for the affected fire zones, there is no undue risk to the health and safety of the public involved with continued operation until the completion of this modification during the 2R4 refueling outage. Therefore, we conclude that the licensee's request for an extension of the completion date required by 10 CFR 50.48(c)(3) should be granted.

III.

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12, an exemption is authorized by law and will not endanger life or property or the common defense and security, is otherwise in the public interest, and is hereby granted.

The Commission has determined that the granting of this exemption will not result in any significant environmental impact and that pursuant to 10 CFR 51.(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with this action.

This Exemption is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland this 1st day of November, 1983

NRRD