

SEP 28 1976

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 B. Scharf, OA (10)

Docket No. 50-368

Arkansas Power & Light Company
 ATTN: Mr. J. D. Phillips
 Senior Vice President
 Production, Transmission
 and Engineering
 Sixth and Pine Streets
 Pine Bluff, Arkansas 71601

Gentlemen:

ORDER EXTENDING CONSTRUCTION COMPLETION DATE

In response to your request of August 19, 1976, the Nuclear Regulatory Commission has issued an Order extending the construction completion date for the Arkansas Nuclear One, Unit No. 2 facility. In lieu of the latest completion date of October 1, 1976, as specified previously in Construction Permit No. CPPR-89, the latest completion date has been extended to January 1, 1978.

A copy of the Order and the staff evaluation are enclosed for your information. The Order has been transmitted to the Office of the Federal Register for publication.

Sincerely,

Original Signed by

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

Enclosures:

- Order Extending Completion Date
- Staff Evaluation

bcc: J. R. Buchanan, NSIC
 T. B. Abernathy, TIC
 A. Rosenthal, ASLAB
 N. R. Goodrich, ASLBP

cc: See page 2

OFFICE →	LWR 1	LWR 1	OELD	AD/LWR	LWR 1
SURNAME →	E. G. Hylton/red	R. Martin	Tantellett	DBVassallo	J. Stolz
DATE →	9/14/76	9/15/76	9/16/76	9/28/76	9/28/76

cc: Horace Jewell, Esq.
House, Holmes & Jewell
1550 Tower Building
Little Rock, Arkansas 72201

Arkansas Power & Light Company
ATTN: Mr. William Cavanaugh, III
Manager, Nuclear Services
P. O. Box 551
Little Rock, Arkansas 72201

Honorable Ermil Grant
Acting County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

Environmental Protection Agency
1600 Patterson St. Suite 1100
Dallas, Texas 75201

Director, Bureau of Environmental
Health Services
4815 West Markham Street
Little Rock, Arkansas 72201

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SURNAME ➤						
DATE ➤						

ARKANSAS POWER AND LIGHT COMPANY

(ARKANSAS NUCLEAR ONE, UNIT NO. 2)

DOCKET NO. 50-368

ORDER EXTENDING CONSTRUCTION COMPLETION DATE

Arkansas Power and Light Company is the holder of Construction Permit No. CPPR-89 issued by the Atomic Energy Commission* on December 6, 1972 for construction of Arkansas Nuclear One, Unit No. 2 presently under construction at the Company's site in Pope County, Arkansas.

On August 19, 1976 the Company filed a request for an extension of the completion dates because construction has been delayed due to

- (1) Availability of resources for construction activities
- (2) Expansion of the project's scope
- (3) Design modifications.

This action involves no significant hazards consideration; good cause has been shown for the delay; and the requested extension is for a reasonable period, the bases for which are set forth in a staff evaluation, dated SEP 28 1976

Copies of the above documents and other related material are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. 20555 and at the Arkansas Polytechnic College, Russellville, Arkansas 72801.

* Effective January 20, 1975, the Atomic Energy Commission became the Nuclear Regulatory Commission and Permits in effect on that day were continued under the authority of the Nuclear Regulatory Commission.

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DATE	SURNAME	OFFICE
9/14/76	Boydton/red	LWR 1
9/15/76	Martin	LWR 1
9/16/76	Lawrence	OELD
9/28/76	Vassallo	AD/LWR

IT IS HEREBY ORDERED THAT THE latest completion date for CPR-89 is extended from October 1, 1976 to January 1, 1978.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
 D. B. Vassallo
 D. B. Vassallo, Assistant Director
 for Light Water Reactors
 Division of Project Management

Date of Issuance: SEP 20 1978

Docket No. 50-368

EVALUATION OF REQUEST FOR EXTENSION OF THE CONSTRUCTION PERMIT FOR THE ARKANSAS NUCLEAR ONE - UNIT 2 (ANO-2) POWER PLANT

INTRODUCTION

On August 19, 1976 the Arkansas Power & Light Company (AP&LC) filed a request for an extension of the completion date of Construction Permit No. CPPR-89 from October 1, 1976 to January 1, 1978. In the request for extension, AP&LCo stated that additional time would be required to complete construction of the plant due to delays in equipment installation, expansion of the project's scope and design modifications.

DISCUSSION

The Construction Permit for ANO-2, CPPR-89, was issued on December 6, 1972 and was last modified by the Commission's Order dated May 14, 1974, which extended the latest completion date to October 1, 1976.

In the application for extension AP&LCo indicated that since October 24, 1973, there have been three major contributing factors to the delay in completion of construction activities. The first of these reasons was said to be a combination of late equipment deliveries, late material deliveries and shortages of manpower in critical construction crafts, each contributing an unspecified degree to the requested schedule extension.

The second source of delay was attributed to the expansion in the project's scope requiring increased quantities of piping, cable trays, conduit, wire, cable and structures as a result of the addition of the regenerative waste processing system (which was added for environmental protection considerations) and the startup and blowdown demineralizer system (which was added for steam generator water chemistry considerations).

The third source of delay was attributed to the design modifications to structures, systems, components and piping required for safety considerations. In our judgement the modifications having the most-significant impact on schedule were those relating to installation of the primary coolant loop

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pipe restraints. These additional restraints were found to be necessary as a result of reanalysis of the containment subcompartments using a revised analysis technique. AP&LCo attributed two months of the delay to this factor.

CONCLUSION

The Commission's Staff has reviewed the information provided in the applicant's submittal, and we conclude that the factors discussed above are reasonable and constitute good cause for delay; and that extension of the Construction Permit for ANO-2 for fifteen months is justified.

As a result of the staff's review of the Final Safety Analysis Report to date, and considering the nature of the delays, we have identified no area of significant safety considerations in connection with the extension of the construction permit completion dates for Arkansas Nuclear One - Unit 2.

The staff finds that this action does not involve a significant hazards consideration, and that good cause exists for the issuance of an Order extending the completion date.

Accordingly, issuance of an Order extending the latest completion date for construction of ANO-2, as set forth in CPPR-89, to January 1, 1978, is reasonable and should be authorized.

Robert Martin, Project Manager
Light Water Reactors Branch No. 1
Division of Project Management

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

Dated: SEP 28 1976

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