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Docket No. 50-334

JUN. 17 1975

Mr. Earl J. Woolever
 Vice President
 Duquesne Light Company
 435 Sixth Avenue
 Pittsburgh, Pennsylvania 15219

Dear Mr. Woolever:

In response to your request of April 15, 1975, as supplemented by your letter of May 27, 1975, the Nuclear Regulatory Commission has issued an Order extending the construction completion date for Beaver Valley Power Station Unit 1. In lieu of the latest completion date of June 30, 1975 as specified previously in the August 29, 1973 Order extending the completion date of Construction Permit No. CPPR-75, the latest completion date has been extended to March 31, 1976.

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

Sincerely,

Original signed by
 D. B. Vassallo

D. B. Vassallo, Chief
 Light Water Reactors
 Project Branch 1-1
 Division of Reactor Licensing

Enclosures:

- Order Extending Construction Completion Date
- Staff Evaluation

cc: see page 2

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RM

OFFICE	RL:LWR 1-1	RL:LWR 1-1	RL:LWR 1-1		
SURNAME	JLee	JAngelo	DBVassallo		
DATE	6/15/75	6/16/75	6/16/75		

Mr. Earl J. Woolever

- 2 -

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DUQUESNE LIGHT COMPANY, et al

DOCKET NO. 50-334

ORDER EXTENDING COMPLETION DATE

Duquesne Light Company, Pennsylvania Power Company, and Ohio Edison Company are the holders of Construction Permit No. CPPR-75 issued by the Commission on June 26, 1970, for construction of the Beaver Valley Power Station, Unit 1, a 2660 thermal megawatt pressurized water nuclear reactor presently under construction at the applicants' site on the south bank of the Ohio River in Shippingport Borough, Beaver County, Pennsylvania.

On April 15, 1975, Duquesne Light Company filed a request for an extension of the completion date because construction has been delayed. On May 27, 1975 Duquesne Light Company filed additional information in support of its request. It has been determined that the delay is due to, among other things, unexpected work resulting from changes in design of equipment supplied by a major supplier and changes in plant design to meet current safety standards.

This action involves no significant hazards consideration, and good cause has been shown for the delay, the bases for which are set forth in a staff evaluation dated June 13, 1975.

IT IS HEREBY ORDERED that the latest completion date for Construction Permit No. CPPR-75 is extended from June 30, 1975 to March 31, 1976.

FOR THE NUCLEAR REGULATORY COMMISSION



R. C. DeYoung, Assistant Director
for Light Water Reactors Group 1
Division of Reactor Licensing

Date of Issuance: June 17, 1975

June 13, 1975

EVALUATION OF REQUEST FOR EXTENSION OF
CONSTRUCTION PERMIT NO. CPPR-75
FOR BEAVER VALLEY POWER STATION UNIT 1
DOCKET NO. 50-334

Introduction

On April 15, 1975 Duquesne Light Company requested an extension of the completion date for the construction of Beaver Valley Power Station Unit 1 to June 30, 1976. Previously, an Order was issued on August 29, 1973 which extended the construction completion date from September 1, 1973 to June 30, 1975. Duquesne Light Company stated in its letter of April 15, 1975 that the project was approximately ten weeks behind the schedule for completion of construction that was set for May 19, 1975, and that since there was little chance of making up the slippage in schedule, the completion date was rescheduled to August 1, 1975. Duquesne Light Company stated that it would be prudent to request an additional extension of the completion date to June 30, 1976.

We determined that Duquesne Light Company had not shown good cause why the extension should be granted for the period of time requested, viz. from June 30, 1975 to June 30, 1976. Accordingly, we informed Duquesne Light Company by our letter of May 22, 1975 to comply with the requirements of Section 50.55(b) of 10 CFR Part 50 to show good cause why the extension should be granted.

In a letter dated May 27, 1975 Duquesne Light Company submitted additional information regarding the cause of the delay in completion of construction.

Discussion

Duquesne Light Company stated in its letter of May 27, 1975 that the delay in the completion of construction was due, among other things, to the following:

1. Additional engineering study and construction effort related to the determination of the cause of defects in the reactor pressure vessel nozzles and effecting the appropriate repairs to the nozzles.
2. Major redesign to meet the recommended criteria of Regulatory Guide 1.46 relating to protection against pipe whip inside containment, which was issued in May 1973.
3. Reevaluation of the containment leak test requirement as specified in Appendix J to 10 CFR Part 50 which became effective in March 1973.

4. Modifications to the steam generator blowdown to meet the levels in proposed Appendix I to 10 CFR Part 50.
5. Modifications to the steam generator chemistry control by the supplier, Westinghouse Electric Corporation.
6. Modifications to the plant for industrial security to comply with the recommendations of revised Regulatory Guide 1.17 issued in June 1973, and the requirements of 10 CFR Part 73 issued in November 1973.
7. Engineering effort related to NRC requirements with regard to the chlorine detection system for the main control room, transfer of the emergency core cooling system from the injection to the recirculation mode of operation, and design of the alternate river water system and alternate river water intake structure.
8. Modifications to the inservice inspection of steam generator tubes in accordance with the recommendations of Regulatory Guide 1.83, issued in June 1974.

Duquesne Light Company currently estimates a completion of construction by August 1, 1975. Duquesne Light Company has requested an extension of the completion date to June 30, 1976 from the present completion date of June 30, 1975, a period of twelve months. Duquesne Light Company estimates that the items listed above, among other things, and allowing for the difficulty in predicting the impact that such items would have on the construction schedule, justifies the requested extension of twelve months.

Conclusions

Based on our review of the statements made by Duquesne Light Company, we conclude that the above factors are beyond the control of Duquesne Light Company, and that Duquesne Light Company has shown good cause for the delay in completion of the construction. We find that the reasons for the delay include, among other things, changes in design of equipment supplied by a major supplier and changes in plant design to meet current safety standards which are considered to be beyond the control of Duquesne Light Company.

Based on our evaluation of the causes for the delay, we have determined that a period of nine months is a reasonable period of time to extend the completion date. This time includes an allowance for contingency. In addition, we have determined that the only modifications proposed by the applicant to the existing construction permit is an extension of the construction completion date which does not allow any work to be performed that is not already allowed by the existing construction permit. Therefore, we find 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 the construction of Beaver Valley Power Station Unit 1 as presently set forth in the August 29, 1973 Order related to Construction Permit No. CPPR-75, to March 31, 1976 is reasonable and should be authorized.

John Angelo
Light Water Reactors
Project Branch 1-1
Division of Reactor Licensing

D. B. Vassallo, Chief
Light Water Reactors
Project Branch 1-1
Division of Reactor Licensing

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SURNAME	JLee	Angelo	DE Vassallo		
DATE	6/ 175	6/16/75	6/16/75		