

March 28, 1986

Docket No. 50-400

Mr. E. E. Utley, Senior Executive  
Vice President  
Power Supply and Engineering  
and Construction  
Carolina Power and Light Company  
Post Office Box 1551  
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Dear Mr. Utley:

Subject: Order Extending Construction Completion Date - Shearon Harris Nuclear Power Plant, Unit 1

In response to your requests of March 16, 1984 and January 29, 1986, the Nuclear Regulatory Commission has issued an Order extending the construction completion date for the Shearon Harris Nuclear Power Plant, Unit 1. The referenced Order extends the latest construction completion date specified in CPPR-158 to June 30, 1987.

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

Sincerely,

/s/

Thomas M. Novak, Acting Director  
Division of PWR Licensing-A  
Office of Nuclear Reactor Regulation

Enclosures:

1. Order
2. Evaluation

cc: See next page

LA:PAD-7  
FILED  
2/2/86

BCB  
PM:PAD-2  
BBuckley:hc  
2/26/86

Jan  
5/11/86

D:PAD-2  
LR:Rosenstein  
2/27/86

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CA...  
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order...  
issued

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

CAROLINA POWER AND LIGHT COMPANY, ET AL.

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

DOCKET NO. 50-400

ORDER EXTENDING CONSTRUCTION COMPLETION DATE

Carolina Power and Light Company and the North Carolina Eastern Municipal Power Agency (Permittees) are the holders of Construction Permit No. CPPR-158 issued by the Nuclear Regulatory Commission on January 27, 1978 for the Shearon Harris Nuclear Power Plant, Unit 1. This facility is presently under construction at the applicants' site in Wake County, North Carolina.

By letter dated March 16, 1984, the permittees requested an extension from June 1, 1984 to March 1, 1986, citing 1) revised Energy and Load Forecasts reflecting a slower Rate of growth in customer demand than previously projected, and 2) Carolina Power and Light Company's expanded Conservation and Load Management Program as major factors contributing to the delays. By letter dated January 29, 1986, the permittees requested an extension from March 1, 1986 to June 30, 1987 in order to complete construction and to ensure that commitments and regulatory requirements have been met and to allow for contingencies, beyond the targeted fuel load date of June 1986, such as unforeseen delays in construction or licensing.

The staff has performed an evaluation of the request for extension. Based on this review, the staff has determined that the above factors have resulted in significant delays in construction completion and that the request

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is for a reasonable period of time when considering the nature of the delays. In addition, the extension of the latest completion date in the construction permit does not involve any significant hazards consideration since the extension will not allow any work to be performed that is not already allowed by the existing construction permit.

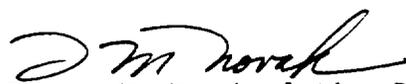
Prior public notice of this extension was not required since the Commission has determined that this action involves no significant hazards consideration; good cause has been shown for the delays; and the requested extension is for a reasonable period of time.

Pursuant to 10 CFR 51.32, the Commission has determined that this action will not result in any significant environmental impact (51 FR 9731 , March 20, 1986).

The NRC staff's evaluation of the request for extension of the construction permit is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, DC 20555, and the Wake County Public Library, Fayetteville Street, Raleigh, North Carolina 27601.

IT IS HEREBY ORDERED THAT the latest completion date for CPPR-158 be extended from June 1, 1984 to June 30, 1987.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Thomas M. Novak, Acting Director  
Division of PWR Licensing-A  
Office of Nuclear Reactor Regulation

Date of Issuance: March 28, 1986



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

OFFICE OF NUCLEAR REACTOR REGULATION  
EVALUATION OF A REQUEST FOR EXTENSION OF  
CONSTRUCTION PERMIT NO. CPPR-158  
FOR THE SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1  
DOCKET NO. STN 50-400

Introduction

On September 7, 1971, the Carolina Power & Light Company, tendered an application for a license to construct Shearon Harris Nuclear Power Plant, Units 1, 2, 3 and 4 (Harris or the facility) with the Atomic Energy Commission (currently the Nuclear Regulatory Commission or the Commission). Following a public hearing before the Atomic Safety and Licensing Board, the Commission issued Construction Permit Nos. CPPR-158, CPPR-159, CPPR-160 and CPPR-161 permitting the construction of the Units 1, 2, 3 and 4, respectively, on January 27, 1978.

On June 26, 1980, the applicant tendered an application for Operating Licenses for the facilities. By letter dated September 3, 1981, the Carolina Power and Light Company transmitted an application for amendments to the Construction Permits for Shearon Harris Nuclear Power Plants, Units 1, 2, 3 and 4 to add the North Carolina Municipal Power Agency Number 3 (Power Agency) as a co-owner. The staff, by letter dated November 3, 1981, amended the Construction Permits to reflect the above changes in ownership. Subsequently, by letter dated December 18, 1981, Carolina Power & Light Company notified the staff of the cancellation of Harris, Units 3 & 4. By letter dated August 1, 1983 Carolina Power and Light Company filed an application for an amendment to the Construction Permits for Harris, Units 1 & 2, to reflect the name change of the co-owner from North Carolina Municipal Power Agency Number 3 to North Carolina Eastern Municipal Power Agency. The Construction Permits were amended to show the name change by NRC letter dated June 11, 1984. The Carolina Power and Light Company, by letter dated January 23, 1984, informed the staff of the cancellation of Harris, Unit 2.

By letter dated March 16, 1984, the permittees requested an extension of the construction completion date for Shearon Harris, Unit 1 from June 1, 1984 to March 1, 1986. Subsequently by letter dated January 29, 1986, the permittees filed a supplemental request for an extension of the latest construction completion date to June 30, 1987.

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## Discussion

In the above cited applications for extension of the construction completion date, the permittees indicated the following factors are the major contributors for the delay in the completion of construction activities:

1. Revised Energy and Load Forecasts reflecting a slower rate of growth in customer demand than previously projected.
2. Carolina Power and Light Company's Expanded Conservation and Load Management Program.
3. The requested June 30, 1987 extension of the latest date for completion allows the permittees to complete construction, ensure that commitments and regulatory requirements have been met and to allow for contingencies such as delays in construction or licensing.

The NRC staff has reviewed the information provided in the permittee's submittals and has concluded that the factors discussed above constitute good cause for granting the requested extension.

As a result of the staff's review of the Final Safety Analysis Report to date, and considering the nature of the delays, the staff has identified no areas of significant safety consideration in connection with the extension for the construction completion date for Shearon Harris, Unit 1. The only change proposed by the permittees to the existing construction permit is an extension of the latest construction completion date. This extension will not allow any work to be performed involving a new safety concern of a type that was not considered by previous Commission safety reviews of the facility and that is not already allowed by the existing construction permit. Therefore, the staff finds that (1) the extension of the latest completion date in the construction permit does not involve a significant hazards consideration, (2) prior public notice of this action is not required, (3) there is reasonable assurance that the health and safety of the public will not be endangered by the requested extension of the construction completion date, and (4) good cause exists for issuance of an order extending the construction completion date.

Pursuant to 10 CFR 51.32, the staff has determined that this Order will not result in any significant environmental impact (51 FR 9731, March 20, 1986).

## Conclusion

For the reasons stated above, the staff concludes that issuance of an Order extending the latest construction completion date for the Shearon Harris Nuclear Power Plant, Unit 1, as set forth in CPPR-158, to June 30, 1987, is reasonable and should be authorized.

Dated: March 28, 1986