

Docket Nos.: 50-338
and 50-339 ✓

APR 15 1975

Virginia Electric and Power Company
ATTN: Mr. Stanley Ragone
Senior Vice President
P. O. Box 26666
Richmond, Virginia 23261

Gentlemen:

In response to your request of June 19, 1974, as supplemented by your letters of November 27, 1974 and January 21, 1975, the Nuclear Regulatory Commission has issued an Order extending the construction completion dates for the North Anna Power Station, Units 1 and 2. In lieu of the latest completion dates of August 1, 1974 and August 1, 1975, respectively, as specified previously in Provisional Construction Permit Nos. CPPR-77 and CPPR-78, the latest completion dates have been extended to March 1, 1977 and May 1, 1978, respectively.

A copy of the Order, which has been transmitted to the Office of the Federal Register for publication, and a copy of the Staff's Evaluation, are enclosed for your information.

Sincerely,

Original Signed by

A. Schwencer, Chief
Light Water Reactors Branch 2-3
Division of Reactor Licensing

Enclosures:

1. Order Extending Construction Completion Dates
2. Staff Evaluation

ccs: See next page

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VIRGINIA ELECTRIC AND POWER COMPANY
(North Anna Power Station, Units 1 and 2)

DOCKET NOS. 50-338 AND 50-339

ORDER EXTENDING CONSTRUCTION COMPLETION DATES

Virginia Electric and Power Company is the holder of Provisional Construction Permits (Nos. CPPR-77 and CPPR-78) issued by the Commission on February 19, 1971, for the construction of the North Anna Power Station, Units 1 and 2, presently under construction at the Company's site in Louisa County, Virginia.

By letters dated June 19, 1974, November 27, 1974 and January 21, 1975, the company requested extension of the completion dates in the above permits because construction has been delayed due to (1) design changes, (2) weld repairs, and (3) construction delays. This action involves no significant hazards consideration. Good cause has been shown for the delay. The requested extension is for a reasonable period, the bases for which are set forth in a staff evaluation, dated April 15, 1975.

Accordingly, IT IS HEREBY ORDERED THAT the latest completion dates for CPPR-77 and CPPR-78 are extended from August 1, 1974 and August 1, 1975, respectively, to March 1, 1977 and May 1, 1978, respectively.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by
A. Schwencer

A. Schwencer, Chief
Light Water Reactors Branch 2-3
Division of Reactor Licensing

Date of Issuance: **APR 15 1975**

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

Docket Nos. 50-338
and 50-339

EVALUATION OF REQUEST FOR EXTENSION OF
CONSTRUCTION PERMITS NO. CPPR-77 AND CPPR-78
FOR NORTH ANNA POWER STATION, UNITS 1 AND 2
DOCKET NOS. 50-338 AND 50-339

Introduction

Construction Permits No. CPPR-77 and CPPR-78 were issued by the Atomic Energy Commission (Commission) on February 19, 1971 for the construction of the North Anna Power Station, Units 1 and 2. These units are presently under construction in Louisa County, Virginia.

In accordance with Section 185 of the Atomic Energy Act of 1954, as amended, 42 U.S.C. Section 2235, and in accordance with the Commission's regulations, 10 CFR Section 50.55, the Construction Permits state the earliest dates for the completion of the construction as August 1, 1973 and August 1, 1974 and the latest dates for the completion of construction as August 1, 1974 and August 1, 1975 for Units 1 and 2, respectively.

By letter dated June 19, 1974, the Virginia Electric and Power Company (Licensee) stated that the construction of these units cannot be completed by the present latest dates. By letter dated November 27, 1974, the Licensee requested that the earliest completion dates be changed to August 1, 1976 and April 1, 1977 and the latest completion dates be changed to March 1, 1977 and May 1, 1978 for Units 1 and 2, respectively.

Good Cause

By letter dated January 21, 1975, the Licensee provided the results of a detailed study which compared the original schedule for Unit 1 with the actual and projected schedule. These results identified three sequential critical path elements that have increased the time required to complete construction, i.e.

1. The delayed start in construction of the permanent part of the nuclear facility caused by design changes and mobilization difficulties (26 weeks).



2. The delayed completion of interior concrete caused by the late delivery of Main Steam and Feedwater Restraint Embedments, Crane Wall Rebar, Shear Block, and an Ironworkers Strike (39 weeks).
3. The delay in the completion of the steam generator installation because of weld repairs (102 weeks).

The Licensee also indicated that the 167 week increase in length of the critical path which would be needed to compensate for the three delays set forth above is reduced by a revised procedure for completing the reactor coolant piping. This revised procedure is projected to save 11 weeks over the initial schedule.

Because the actions of others contributed significantly to the delays in construction, we conclude that the above delays were beyond the Licensee's control and that therefore the Licensee has shown good cause for the extensions requested.

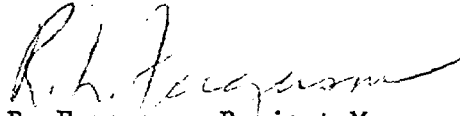
Reasonable Period of Time

While the Licensee currently projects completion of construction of Unit 1 by August 1, 1976, we recognize that unforeseen delays may defer completion of construction. We believe that a reasonable contingency period for such unforeseen delays is at least nine months; accordingly, given the current status of construction, Unit 1 could be completed on or before March 1, 1977. We believe, further, that given the current status of construction of Unit 2, at least an additional 14 months will be necessary to complete it after the completion of Unit 1; accordingly, Unit 2 could be completed on or before May 1, 1978.

No Significant Hazard Consideration

The staff finds that because the request is merely for more time to complete work already reviewed and approved, no significant hazard consideration is involved in granting the request, thus prior public notice of this action is not required.

For the reasons stated herein, we conclude that the latest construction completion dates stated in CPPR-77 and CPPR-78 should be extended from August 1, 1974 and August 1, 1975 to March 1, 1977 and May 1, 1978, respectively. We see no reason to change, and we do not change, the earliest construction completion dates now appearing in CPPR-77 and CPPR-78.



R. Ferguson, Project Manager
Light Water Reactors Branch 2-3
Division of Reactor Licensing



A. Schwencer, Chief
Light Water Reactors Branch 2-3
Division of Reactor Licensing

Date: APR 15 1975