

SEPTEMBER 14 1979

Docket No. 50-338

Mr. W. L. Proffitt  
Senior Vice President - Power  
Operations  
Virginia Electric & Power Company  
P. O. Box 26666  
Richmond, Virginia 23261

Dear Mr. Proffitt:

SUBJECT: ISSUANCE OF AMENDMENT NO. 15 TO FACILITY OPERATING LICENSE NO. NPF-4  
NORTH ANNA POWER STATION, UNIT NO. 1

The Nuclear Regulatory Commission (the Commission) has issued the enclosed  
Amendment No. 15 to Facility Operating License NPF-4.

This Amendment consists of a one time extension to the surveillance frequency for  
response time testing of systems, safety injection and containment depressurization  
actuation testing as specified in the Technical Specification to Appendix A in re-  
sponse to your application, dated September 11, 1979.

Also enclosed is a copy of our Safety Evaluation on this matter and the public  
notice concerning the issuance of the subject amendment which has been forwarded  
to the Office of the Federal Register for publication.

Sincerely,

Original Signed By

A. Schwencer, Chief  
Operating Reactors, Branch No. 1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 15 to NPF-4
2. Safety Evaluation
3. Federal Register Notice

APP  
2

TACS 12178

no legal objection

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OFFICE	DSS	DOR	OELD	DOR	P	
SURNAME	V Moore	W Gammill	D Swanson	A Schwencer		
DATE	9/14/79	9/13/79	9/10/79	9/13/79		

- Distribution w/enclosures
- Docket file
  - NRC PDR
  - Local PDR (2)
  - LWR #3File
  - D. Swanson, OELD
  - S. Goldberg
  - OELD
  - D. Ross
  - D. Vassallo
  - O. Parr
  - A. Dromerick
  - M. Rushbrook
  - F. Williams
  - IE (5)
  - N. Dube, MPA
  - M. Jinks (4)
  - R. Diggs, ADM
  - R. DeYoung, DSE
  - V. Moore, DSE
  - B. Scharf (10)
  - E. Hughes, DPM
  - M. Duncan, DSE
  - P. Leech, DSE
  - E. Reeves, DOR
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  - R. Tedesco, DSS
  - S. Hanauer, DSS
  - R. Mattson, DSS
  - D. Crutchfield
  - Lana Cobb, IE
  - M. Ernst, DSE
  - R. Denise, DSE
  - J. Knight, DSS
  - A. Schwencer, DOR
  - P. Kreutzer, DOR
  - R. Brinkman, DOR
  - P. Wagner, DOR
  - B. Grimes, DOR
  - D. Eisenhut, DOR
  - ORB #1 Rdg.
  - NRR Rdg.
  - W. Gammill
  - B. Jones (4)
  - H. R. Denton
  - BCC
  - J. Buchanan, NSIC
  - T. Abernathy, TIC
  - A. Rosenthal, ASLAB
  - J. Yore, ASLAB
  - ACRS (16)



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

September 14, 1979

Docket No. 50-338

Mr. W. L. Proffitt  
Senior Vice President - Power  
Operations  
Virginia Electric & Power Company  
P. O. Box 26666  
Richmond, Virginia 23261

Dear Mr. Proffitt:

SUBJECT: ISSUANCE OF AMENDMENT NO. 15 TO FACILITY OPERATING LICENSE NO. NPF-4  
NORTH ANNA POWER STATION, UNIT NO. 1

The Nuclear Regulatory Commission (the Commission) has issued the enclosed Amendment No. 15 to Facility Operating License NPF-4.

This Amendment consists of a one time extension to the surveillance frequency for response time testing of systems, safety injection and containment depressurization actuation testing as specified in the Technical Specification to Appendix A in response to your application, dated September 11, 1979.

Also enclosed is a copy of our Safety Evaluation on this matter and the public notice concerning the issuance of the subject amendment which has been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief  
Operating Reactors, Branch No. 1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 15 to NPF-4
2. Safety Evaluation
3. Federal Register Notice

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Mr. W. L. Proffitt

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U.S. Environmental Protection Agency  
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U. S. Environmental Protection Agency  
Region III Office  
ATTN: EIS Coordinator  
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Philadelphia, Pennsylvania 19106

Mr. A. D. Johnson, Chairman  
Board of Supervisors of  
Louisa County  
Trevillians, Virginia 23170

Mr. J. B. Jackson, Jr.  
Commonwealth of Virginia  
Council on the Environment  
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Richmond, Virginia 23129

Attorney General  
1101 East Broad Street  
Richmond, Virginia 23219



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

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-338

NORTH ANNA POWER STATION, UNIT NO. 1

FACILITY OPERATING LICENSE

License No. NPF-4  
Amendment No. 15

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Virginia Electric and Power Company (licensee) dated September 11, 1979 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the license, as amended, the provisions of the Act, and the regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is hereby amended as follows:

Revise condition 2.D.(3)p. to read as follows:

- 2.D(3)p. The end of the current surveillance period for the Surveillance Requirements listed below may be extended beyond the time limit specified by Technical Specification 4.0.2.a. In each case, the required surveillance shall be completed by the revised due date. After October 5, 1979 the plant shall not be operated in Modes 1, 2, 3 or 4 until

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the Surveillance Requirements listed below have been completed. Upon accomplishment of the surveillance, the provisions of Technical Specification 4.0.2.a shall apply.

- (1) Specifications: 4.3.1.1.3  
4.6.2.1.c  
4.6.2.2.1.c  
4.6.2.3.c  
4.6.3.1.2.a  
4.6.3.1.2.b  
4.7.4.1.d.2  
4.7.8.1.d.2  
4.3.2.1.3

Revised due date: Prior to startup after first refueling outage which will begin no later than October 5, 1979.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors, Branch No. 1  
Division of Operating Reactors

Date of Issuance: September 14, 1979

SAFETY EVALUATION BY THE OFFICE OF  
NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 15 TO  
FACILITY OPERATING  
LICENSE NO. NPF-4  
VIRGINIA ELECTRIC AND POWER COMPANY  
NORTH ANNA POWER STATION, UNIT NO. 1  
DOCKET NO. 50-338

Discussion

By application dated March 13, 1979 as supplemented by letters dated July 23, 1979 and July 31, 1979, the Virginia Electric and Power Company (licensee) requested an amendment to the North Anna Power Station, Unit 1 license. The Amendment No. 13 added a condition to License NPF-4 to authorize a one-time extension for less than a month on (1) Reactor Protection and Engineered Safety Features Response Times and (2) Safety Injection and Containment Depressurization Actuation Testing. The request for this extension was predicated on an expected refueling outage start date of September 15, 1979.

By letter dated September 11, 1979 the licensee has informed the NRC staff that operation of Unit 1 with its present core is being extended beyond September 15 and that shutdown for refueling is now expected to occur no later than October 5, 1979. Accordingly, the licensee on September 11, 1979 requested that the one time extension granted in Amendment No. 13, be changed to permit plant operation to October 5, 1979. The net effect of this request would be to permit continued operation at power for an additional twenty days without performing the surveillance that would otherwise be required for the areas identified above and in License Condition 2.D(3)p.

Evaluation

We have re-examined the bases for our conclusions, as presented in our August 3, 1979 SER which approved the extension to September 15, 1979 and find that these

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bases remain applicable for this limited increase in time. In discussion with the licensee on September 11, 1979, as confirmed in the licensee's September 11, 1979 letter, we have been assured that, on the basis of subsequent testing of the nature discussed in Section A(2) of our August 3 SER on this matter, no adverse results have been obtained that would reduce our confidence that the affected systems can reasonably be expected to operate as required pending completion of these delayed surveillance tests.

We therefore find that, on the basis of information submitted by the licensee, the response time and actuation testing covered by the Technical Specifications identified in License Condition 2.D(3)p need not be completed until after October 5, 1979 provided that the reactor is not operated in Modes 1, 2, 3 or 4 after that date until such response time and actuation testing is completed.

#### Environmental Conditions

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

#### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered or a significant decrease in any safety margin, it does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: September 14, 1979



UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-338

VIRGINIA ELECTRIC AND POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY

OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 15 to Facility Operating License No. NPF-4, issued to Virginia Electric and Power Company, which amends the one time basis extension granted as License Condition 2.D.(3)p in Amendment No. 13, for the surveillance frequency response time testing of systems, safety injection and containment depressurization actuation testing as specified in the Technical Specification to Appendix A of the North Anna Power Station, Unit No. 1 (the facility). The effect of this amendment is to permit continued facility operations for an additional twenty (20) days, to October 5, 1979, the date by which the facility must now be shutdown to perform these tests. October 5 is also the date by which the facility will begin its first refueling outage.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, it has further been concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

For further details with respect to this action, see (1) Virginia Electric and Power Company letter, dated September 11, 1979, (2) Amendment No. 15 to License No. NPF-4, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. 20555 and at the Board of Supervisor's Office, Louisa County Courthouse, Louisa, Virginia, 23093 and at the Alderman Library, Manuscripts Department, University of Virginia, Charlottesville, Virginia 22901. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland this 14 day of September.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors, Branch No. 1  
Division of Operating Reactors