

May 28, 1998

Mr. J. P. O'Hanlon
Senior Vice President - Nuclear
Virginia Electric and Power Company
5000 Dominion Blvd.
Glen Allen, Virginia 23060

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2 - ISSUANCE OF
AMENDMENTS REGARDING A PROPOSED TECHNICAL SPECIFICATION
CHANGE ON TURBINE THROTTLE AND GOVERNOR VALVES
SURVEILLANCE FREQUENCY (TAC NOS. MA0172 AND MA0173)

Dear Mr. O'Hanlon:

On April 16, 1998, the Commission issued Amendment Nos. 210 and 191 to Facility Operating License Nos. NPF-4 and NPF-7 for the North Anna Power Station, Units No. 1 and No. 2, relating to a Technical Specification change on turbine throttle and governor valves surveillance frequency. Due to an administrative oversight, your letter of April 1, 1998, which provided certain supplemental information, was not referenced in our April 16 letter and associated Enclosures.

Enclosed are the appropriate corrected pages of the amendments and the Safety Evaluation. Please replace the affected sheets accordingly.

If you have any questions, please call me at (301) 415 1480.

Sincerely,
(Original Signed By)
N. Kalyanam, Project Manager
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-338 and 50-339
Enclosures:

1. Page 1 of Amendment No. 210 to NPF-4
2. Page 1 of Amendment No. 191 to NPF-7
3. Page 1 of the Safety Evaluation

cc w/enclosures: See next page

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DATE	5/27/98	5/27/98	5/28/98		
COPY	Yes/No	Yes/No	Yes/No		

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Mr. J. P. O'Hanlon
Virginia Electric & Power Company

North Anna Power Station
Units 1 and 2

cc:

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

VIRGINIA ELECTRIC AND POWER COMPANY

OLD DOMINION ELECTRIC COOPERATIVE

DOCKET NO. 50-338

NORTH ANNA POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 210
License No. NPF-4

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric and Power Company et al., (the licensee) dated November 18, 1997, as supplemented April 1, 1998, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and 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.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

VIRGINIA ELECTRIC AND POWER COMPANY

OLD DOMINION ELECTRIC COOPERATIVE

DOCKET NO. 50-339

NORTH ANNA POWER STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 191
License No. NPF-7

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric and Power Company et al., (the licensee) dated November 18, 1997, as supplemented April 1, 1998, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and 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.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NOS. 210 AND 191 TO
FACILITY OPERATING LICENSE NOS. NPF-4 AND NPF-7
VIRGINIA ELECTRIC AND POWER COMPANY
OLD DOMINION ELECTRIC COOPERATIVE
NORTH ANNA POWER STATION, UNITS NO. 1 AND NO. 2
DOCKET NOS. 50-338 AND 50-339

1.0 INTRODUCTION

By application dated November 18, 1997, as supplemented April 1, 1998, Virginia Electric and Power Company (the licensee) submitted a request for changes to the North Anna Power Station, Units 1 and 2, Technical Specifications (TS). The proposed amendment revises surveillance requirement (SR) 4.7.1.7.2.a.1 and 4.7.1.7.2.a.2 for the overspeed protection system. On the basis of past operational experience, Westinghouse's recommendations for inspection intervals, and the results of the Westinghouse evaluation proprietary report WCAP-14732 (nonproprietary version WCAP-14733), dated June 1997, the licensee proposes to increase the surveillance test interval for the turbine governor and throttle valves from "at least once per 31 days" to "at least once per 92 days." The disassembly inspection intervals for these valves will continue to be in accordance with the current TS SRs.

2.0 BACKGROUND

North Anna Units 1 and 2 are each equipped with a Westinghouse turbine generator. The Westinghouse turbine is a conventional 1800-rpm, tandem-compound unit consisting of one double-flow, high-pressure cylinder and two double-flow, low-pressure cylinders. The turbine is provided with four moisture separator reheaters located between the high-pressure and the low-pressure cylinders.

Each high-pressure steamline to the high-pressure cylinder contains a stop-trip (throttle) valve and a governor control valve. A reheat stop valve and an intercept valve are provided in the crossover piping between each moisture

DATED: 5/28/98

AMENDMENT NO. TO FACILITY OPERATING LICENSE NO. NPF-4-NORTH ANNA UNIT 1
AMENDMENT NO. TO FACILITY OPERATING LICENSE NO. NPF-7-NORTH ANNA UNIT 2

Docket File

PUBLIC

PDII-1 RF

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