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Docket No. 50-339

Mr. R. H. Leasburg
Vice President - Nuclear Operations
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Dear Mr. Leasburg:

The Commission has issued the enclosed Amendment No. 18 to Facility Operating License No. NPF-7 for the North Anna Power Station, Unit No. 2 (NA-2). The amendment makes a change to the license in response to your letter dated February 5, 1982. The amendment is effective as of its date of issuance.

The amendment consists of a one-time two week extension to surveillance frequency requirements specified in Technical Specification 4.0.2.a for Specification 4.7.10.c regarding the 18-month hydraulic snubber testing requirements.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by:

Leon B. Engle, Project Manager
Operating Reactors Branch #3
Division of Licensing

Enclosures:

1. Amendment No. 18 to NPF-7
2. Safety Evaluation
3. Notice of Issuance

cc: w/enclosures
See next page

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OFFICE	ORB#3:DL	ORB#3:DL	ORAB	ORB#3:DL	AD:OR:DL	OELD
SURNAME	PMKreutzer	LEngle/pn	HShaw	RAClark	MMovak	DSwanson
DATE	2/16/82	2/16/82	2/16/82	2/16/82	2/16/82	2/17/82



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

Docket No. 50-339

FEBRUARY 18 1982

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: VIRGINIA ELECTRIC AND POWER COMPANY, North Anna Power Station,
Unit No. 2

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Amendment No. 18.
Referenced documents have been provided PDR.

Division of Licensing
Office of Nuclear Reactor Regulation

Enclosure:
As Stated

OFFICE →	ORB#3:DL					
SURNAME →	PMKreutzer/ph					
DATE →	2/22/82					



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

February 18, 1982

Docket No. 50-339

Mr. R. H. Leasburg
Vice President - Nuclear Operations
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Dear Mr. Leasburg:

The Commission has issued the enclosed Amendment No. 18 to Facility Operating License No. NPF-7 for the North Anna Power Station, Unit No. 2 (NA-2). The amendment makes a change to the license in response to your letter dated February 5, 1982. The amendment is effective as of its date of issuance.

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Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

A handwritten signature in black ink, appearing to read "Leon B. Engle".

Leon B. Engle, Project Manager
Operating Reactors Branch #3
Division of Licensing

Enclosures:

1. Amendment No. 18 to NPF-7
2. Safety Evaluation
3. Notice of Issuance

cc: w/enclosures
See next page

Virginia Electric and Power Company

cc:

Richard M. Foster, Esquire
Musick, Williamson, Schwartz,
Leavenworth & Cope, P.C.
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Hunton, Williams, Gay and Gibson
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Richmond, Virginia 23212

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Manuscripts Department
University of Virginia
Charlottesville, Virginia 22901

Mr. Edward Kube
Board of Supervisors
Louisa County Courthouse
P. O. Box 27
Louisa, Virginia 23093

Ellyn R. Weiss, Esquire
Sheldon, Harman, Roisman and Weiss
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Mineral, Virginia 23117

Mr. Anthony Gambardella
Office of the Attorney General
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Richmond, Virginia 23219

Resident Inspector/North Anna
c/o U.S.N.R.C.
Route 2, Box 78A
Mineral, Virginia 23117

Mr. J. H. Ferguson
Executive Vice President - Power
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Mr. James Torson
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Socorro, New Mexico 87891

Mrs. Margaret Dietrich
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Mr. James C. Dunstance
State Corporation Commission
Commonwealth of Virginia
Blandon Building
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Mrs. June Allen
North Anna Environmental Coalition
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Wichita, Kansas 67207

U.S. Environmental Protection Agency
Region III Office
ATTN: Regional Radiation Representative
Curtis Building
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

Mr. Paul W. Purdom
Environmental Studies Institute
Drexel University
32nd and Chestnut Streets
Philadelphia, Pennsylvania 19104

Atomic Safety and Licensing
Appeal Board Panel
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Regional Administrator
Nuclear Regulatory Commission, Region II
Office of Inspection and Enforcement
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303



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

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-339

NORTH ANNA POWER STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 18
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 (the licensee) dated February 5, 1982, 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.

2. Accordingly, Facility Operating License No. NPF-7 is hereby amended by revising paragraph 2.C.(2). and adding a new paragraph 2.C.(2).(b) to read as follows:

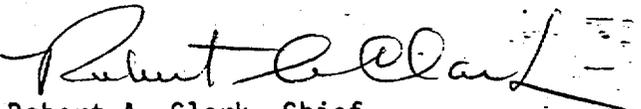
(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 18, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

- (b) The current surveillance period for Surveillance Requirement 4.7.10.c may be extended beyond the time specified by Technical Specification 4.0.2.a. The required surveillance shall be completed prior to startup after the first refueling outage. The plant shall not be operated in Modes 1, 2, 3 or 4 until Surveillance Requirement 4.7.10.c has been completed. Upon accomplishment of the surveillance, the provisions of 4.0.2.a shall apply.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Date of Issuance: February 18, 1982



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 18 TO FACILITY OPERATING LICENSE NO. NPF-7
VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION, UNIT NO. 2
DOCKET NO. 50-339

Introduction:

By letter dated February 5, 1982 (Serial No. 055), the Virginia Electric and Power Company (the licensee) requested an amendment to the license for the North Anna Power Station, Unit No. 2 (NA-2). The licensee request would allow for a one-time (2 weeks) extension of the required surveillance interval for the NA-2 hydraulic snubber functional test. The extension would permit completion of the current operating cycle prior to the performance of the snubber testing which will be performed during the forthcoming refueling outage now scheduled to commence March 5, 1982.

Discussion:

TS surveillance requirement 4.7.10.c requires that hydraulic snubbers be functionally tested each refueling outage (every eighteen months). The initial hydraulic snubber testing was performed on April 8, 1980 and surveillance is due to be completed again on February 23, 1982 (this date includes the allowable 25 percent extension). An unscheduled shutdown during June and July of 1981 has extended the date for which refueling operations are now scheduled to commence March 5, 1982.

Due to the large number of snubbers which must be tested (in excess of 70 for the Periodic Test plus a similar number for seal replacements in accordance with the Snubber Service Seal Life Replacement Program, TS 4.7.10.e), this surveillance can best be performed during the forthcoming refueling outage.

During the time period of January 1, 1980 through January 1, 1982, hydraulic snubber surveillance has been performed with less than one (1) percent of the hydraulic snubbers declared inoperable. Also, complete visual inspections have been performed on each snubber three times. One hydraulic snubber was declared inoperable due to low oil level during a surveillance test dated May 17, 1981. One additional snubber was found to have a low oil level during operations not related to the performance of a surveillance test (September 9, 1981).

Evaluation:

Based on the above surveillance history, our confidence level of 95 percent that 90 to 100 percent of plant specific hydraulic snubbers will be Operable for the approximately 2 week extension is not adversely affected.

Therefore, we find a two week extension in time for performing the hydraulic snubber surveillance testing to be acceptable in order to reach the scheduled March 5, 1982 shutdown date for NA-2.

The hydraulic snubber surveillance as specified in TS 4.7.10.c shall be performed during the NA-2 first refueling outage and shall be completed prior to plant restart in Modes 1, 2, 3 and 4.

The two-week exemption is stipulated in License Condition 2.C.(2)(b) which is being added to Facility Operating License NPF-7. Condition 2.C.(2)(b) stipulates:

"The current surveillance period for Surveillance Requirement 4.7.10.c may be extended beyond the time limit specified by Technical Specification 4.0.2.a. The required surveillance shall be completed prior to startup after the first refueling outage. The plant shall not be operated in Modes 1, 2, 3 or 4 until Surveillance Requirement 4.7.10.c has been completed. Upon accomplishment of the surveillance, the provisions of Technical Specification 4.0.2.a shall apply.

Environmental Consideration

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 §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 and does not involve a significant decrease in a safety margin, the amendment 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.

Date: February 18, 1982

Principal Contributor:

Leon B. Engle

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-339VIRGINIA ELECTRIC AND POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 18 to Facility Operating License No. NPF-7 issued to the Virginia Electric and Power Company (the licensee) for operation of the North Anna Power Station, Unit No. 2 (the facility) located in Louisa County, Virginia. The amendment is effective as of its date of issuance.

The amendment consists of a one-time two week extension to surveillance frequency requirements specified in Technical Specification 4.0.2.a for Specification 4.7.10.c regarding the 18-month hydraulic snubber testing requirement.

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 rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since this amendment does not involve a significant hazards consideration.

- 2 -

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated February 5, 1982; (2) Amendment No. 18 to Facility Operating License No. NPF-4; and (3) the Commission's related Safety Evaluation. 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 Supervisors 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 to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland this 18th day of February, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION


Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing