

APR 29 1981

Docket No. 50-339

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



Dear Mr. Ferguson:

The Commission has issued the enclosed Amendment No. 7 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 April 22, 1981. The amendment is effective as of its date of issuance.

The amendment consists of a one time 30 day extension to surveillance frequency requirements specified in Technical Specification 4.0.2(a) for Specifications 4.8.2.3.2.d and 4.8.2.4.2 regarding the 125-volt direct current battery 18 month testing.

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

Sincerely,

Original signed by Robert A. Clark  
Original signed by Robert A. Clark

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

Enclosures:

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

cc: w/enclosures  
See next page

Docket File  
NRC PDR  
Local PDR  
TERA  
NSIC  
NRR Reading  
ORB#3 Reading  
D. Eisenhut  
J. Heltemes  
OELD  
I&E (5)  
B. Scharf (10)  
G. Deegan (4)  
C. Miles  
R. Diggs  
J. Heltemes  
ACRS (10)  
R. Clark  
L. Engle  
P. Kreutzer (3)  
J. Wetmore  
Chairman, ASLAB  
Gray File (+4)

cp  
1

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OFFICE	ORB#3:DL	ORB#3:DL	ORB#3:DL	AD-OR-11	OELD	ORAB/DL
SURNAME	PMKreutzer	LEngle/p	RAClark	TMMovak	DSutton	J. Calvo
DATE	4/24/81	4/24/81	4/24/81	4/27/81	4/27/81	4/27/81



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

DISTRIBUTION:  
Docket File  
ORB#3 Rdg  
PMKreutzer

Docket No. 50-339

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. 7.

Referenced documents have been provided PDR.

Division of Licensing, ORB#3  
Office of Nuclear Reactor Regulation

Enclosure:  
As Stated

OFFICE	ORB#3:DL					
SURNAME	PMKreutzer/pn					
DATE	4/24/81					



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

April 29, 1981

Docket No. 50-339

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

Dear Mr. Ferguson:

The Commission has issued the enclosed Amendment No. 7 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 April 22, 1981. The amendment is effective as of its date of issuance.

The amendment consists of a one time 30 day extension to surveillance frequency requirements specified in Technical Specification 4.0.2(a) for Specifications 4.8.2.3.2.d and 4.8.2.4.2 regarding the 125-volt direct current battery 18 month testing.

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

Sincerely,

A handwritten signature in cursive script, reading "Robert A. Clark", is written over the typed name.

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

Enclosures:

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

cc: w/enclosures  
See next page

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Virginia Electric and Power Company

cc:

Richard H. Foster, Esquire  
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Leavenworth & Cope, P.C.  
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P. O. Box 1535  
Richmond, Virginia 23212

Alderman Library  
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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Washington, D. C. 20006

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P. O. Box 402  
Mineral, Virginia 23117

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Office of the Attorney General  
11 South 12th Street - Room 308  
Richmond, Virginia 23219

Mr. Edward Webster  
Resident Inspector/North Anna  
c/o U.S.N.R.C.  
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Mineral, Virginia 23117

Mrs. June Allen  
North Anna Environmental Coalition  
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Greensboro, North Carolina 27401

Mr. James Torson  
501 Leroy  
Socorro, New Mexico 87891

Mrs. Margaret Dietrich  
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Gordonsville, Virginia 22042

Mr. James C. Dunstance  
State Corporation Commission  
Commonwealth of Virginia  
Blandon Building  
Richmond, Virginia 23209

Director, Criteria and Standards Division  
Office of Radiation Programs (ANR-460)  
U.S. Environmental Protection Agency  
Washington, D. C. 20460

U.S. Environmental Protection Agency  
Region III Office  
ATTN: EIS COORDINATOR  
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

cc w/enclosure(s) and incoming  
dtd: 4/22/81

Commonwealth of Virginia  
Council of the Environment  
903 Ninth Street Office Building  
Richmond, Virginia 23129



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. 7  
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 April 22, 1981, 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.

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2. Accordingly, the license is amended by changes to the Technical Specifications in paragraph 2.C.(2) of Facility Operating License No. NPF-7 and paragraph 2.C.(2) is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 7, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

- (a) The written procedures required by Technical Specification 6.8.1. for the Technical Specifications listed below shall be implemented within 30 days after the date of this license:

4.3.2.1.3        Items 10 and 11 of Table 3.3-5  
4.3.3.6  
4.4.3.2.1  
4.4.3.2.2  
4.4.6.2.2

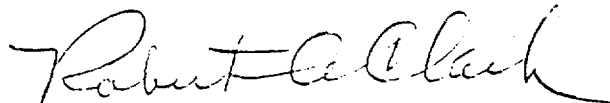
The required surveillance shall be completed before the end of the first surveillance interval.

- (b) 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 May 31, 1981 the plant shall not be operated in Modes 1, 2, 3, or 4 until the Surveillance Requirements listed below have been completed. Upon accomplishment of the surveillance, the provisions of Technical Specification 4.0.2.a shall apply.

Specification 4.8.2.3.2.d  
4.8.2.4.2

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

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 29, 1981



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 7 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 application dated April 22, 1981, the Virginia Electric and Power Company (the licensee) requested an amendment to Facility Operating License NPF-7 for the North Anna Power Station, Unit 2 (NA-2). The amendment would add a condition to License NPF-7 to authorize a one time extension of 30 days to the requirement of the Technical Specification 4.0.2.a for Specification 4.8.2.3.2.d and 4.8.2.4.2 concerning the 125-volt D. C. battery 18 month surveillance testing.

The licensee has stated that it has become necessary to delay the scheduled shutdown of NA-2 for a planned maintenance outage from May 1, 1981 until May 15, 1981. The delay will allow the licensee to optimize the system load with planned maintenance outages for the licensee's nuclear units.

Discussion:

NA-2 has four 125-volt D. C. battery banks which are subject to Technical Specifications 3.8.2.3 and 3.8.2.4. Each battery bank is tested and demonstrated operable under the provisions of Technical Specifications 4.8.2.3.2 and 4.8.2.4.2.

The surveillance required by Specification 4.8.2.3.2.a is performed weekly and the results of the surveillance have been satisfactory. The surveillance required by Specification 4.8.2.3.2.b, which is required every 92 days, was last performed on February 18, 1981 with satisfactory results.

The next scheduled surveillance for Specification 4.8.2.3.2.b is scheduled for May 18, 1981 and can be performed while NA-2 is operating. The surveillance required by Specification 4.8.2.3.2.C.4 was begun on April 21, 1981 and should be completed prior to May 1, 1981. The preliminary results of this surveillance are reported to be satisfactory and no problems are expected. The battery capacity test required by Specification 4.8.2.3.2.e was performed during pre-operational testing with satisfactory results.

Specification 4.8.2.3.2.d, which is an 18-month battery service test, was last performed on June 14, 1979 and is now due to be performed. The battery surveillance interval of 18 months plus the 25 percent extension of the surveillance interval will expire on May 1, 1981. Specification 4.8.2.4.2 requires the performance of Specification 4.8.2.3.2 to demonstrate operability of the 125-volt battery bank and charger.

Evaluation:

Since all other more frequent surveillances have been performed and the batteries have been demonstrated operable, we find the licensee's requested extension of 30 days to the requirement of Technical Specification 4.0.2.a for Specifications 4.8.2.3.2.d and 4.8.2.4.2 to be acceptable.

The 30 day exemption is stipulated in License Condition 2.C.(2)b which is being added to Facility Operating License NPF-7. Conditions 2.C.(2)b stipulates:

"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 May 31, 1981 the plant shall not be operated in Modes 1; 2, 3, or 4 until the Surveillance Requirements listed below have been completed. Upon accomplishment of the surveillance, the provisions of Technical Specification 4.0.2.a shall apply."

- (a) Specification 4.8.2.3.2.d  
4.8.2.4.2

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: April 29, 1981



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. 7 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 30 day extension to the 18 month surveillance frequency requirements specified in the Technical Specifications for the 125-volt direct current battery testing.

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.


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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 April 22, 1981; (2) Amendment No. 7 to Facility Operating License No. NPF-7; 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 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 to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland this 29th day of April, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION

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