

MAR 25 1982

Docket Nos. 50-280  
50-281

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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. 75 to Facility Operating License No. DPR-32 and Amendment No. 76 to Facility Operating License No. DPR-37 for the Surry Power Station, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated February 24, 1982.

These amendments revise the Technical Specifications to change the frequency of calibrating seismic instrumentation from semi-annual to each refueling.

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

Sincerely,

ORIGINAL SIGNED

Joseph D. Neighbors, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

Enclosures:

1. Amendment No. 75 to DPR-32
2. Amendment No. 76 to DPR-37
3. Safety Evaluation
4. Notice of Issuance

cc w/encls:  
See next page



*No legal objection to results of Amendment 75. A notice of issuance is not requested.*

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|         |          |            |             |         |         |  |
|---------|----------|------------|-------------|---------|---------|--|
| OFFICE  | DL:ORB#1 | DL:ORB#1   | DL:ORB#1    | DL:OR   | OELD    |  |
| SURNAME | CParrish | DNeighbors | ms. SAVarga | TMovak  | CUTZIN  |  |
| DATE    | 3/18/82  | 3/18/82    | 3/18/82     | 3/20/82 | 3/23/82 |  |

Mr. R. H. Leasburg  
Virginia Electric and Power Company

cc: Mr. Michael W. Maupin  
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Post Office Box 1535  
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Mr. J. L. Wilson, Manager  
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Surry, Virginia 23883

Swem Library  
College of William and Mary  
Williamsburg, Virginia 23185

Donald J. Burke, Resident Inspector  
Surry Power Station  
U. S. Nuclear Regulatory Commission  
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Route 1  
Surry, Virginia 23883

Mr. Sherlock Holmes, Chairman  
Board of Supervisors of Surry County  
Surry County Courthouse, Virginia 23683

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Council on the Environment  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-280

SURRY POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 75  
License No. DPR-32

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 24, 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.

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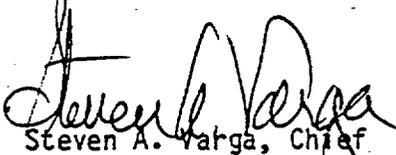
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-32 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 75, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Yarga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 25, 1982



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

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-281

SURRY POWER STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 76  
License No. DPR-37

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 24, 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.

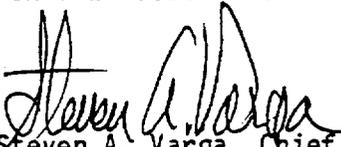
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-37 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 76, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 25, 1982

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 75 TO FACILITY OPERATING LICENSE NO. DPR-32

AMENDMENT NO. 76 TO FACILITY OPERATING LICENSE NO. DPR-37

DOCKET NOS. 50-280 AND 50-281

Revise Appendix A as follows:

Remove Pages

Table 4.1-1

Insert Pages

Table 4.1-1

TABLE 4.1-1

| <u>CHANNEL DESCRIPTION.</u>                                | <u>CHECK</u>                                     | <u>CALIBRATE</u> | <u>TEST</u> | <u>REMARKS</u>                              |
|--|--|------------------|-------------|---|
| 25. Turbine First Stage Pressure                           | S  | R                | M           |   |
| 26. Emergency Plan Radiation Instr.                        | *M   | R                | M           |   |
| 27. Environmental Radiation Monitors                       | *M   | N.A.             | N.A.        | TLD Dosimeters                              |
| 28. Logic Channel Testing                                  | N.A.   | N.A.             | M           |   |
| 29. Turbine Overspeed Protection Trip Channel (Electrical) | N.A.   | R                | R           |   |
| 30. Turbine Trip Setpoint                                  | N.A.   | R                | R           | Stop valve closure or low EH fluid pressure |
| 31. Seismic Instrumentation                                | M  | R                | M           |   |
| 32. Reactor Trip Breaker                                   | N.A.   | N.A.             | M           |   |
| 33. Reactor Coolant Pressure (Low)                         | N.A.   | R                | N.A.        |   |
| 34. Auxiliary Feedwater                                    |  |                  |             |   |
| a. Steam Generator Water Level Low-Low                     | S  | R                | M           |   |
| b. RCP Undervoltage  | S  | R                | M           |   |
| c. S.I.  | (All Safety Injection surveillance requirements) |                  |             |   |
| d. Station Blackout  | N.A.   | R                | N.A.        |   |
| e. Main Feedwater Pump Trip                                | N.A.   | N.A.             | R           |   |

S - Each shift                      M - Monthly  
 D - Daily                              P - Prior to each startup if not done previous week  
 W - Weekly                            R - Each Refueling Shutdown  
 NA - Not applicable                BW - Every two weeks  
 SA - Semiannually                 AP - After each startup if not done previous week  
 Q - Every 90 effective full power days

\* See Specification 4.1D

Amendment Nos. 75 & 76



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 75 TO FACILITY OPERATING LICENSE NO. DPR-32  
AND AMENDMENT NO. 76 TO FACILITY OPERATING LICENSE NO. DPR-37  
VIRGINIA ELECTRIC AND POWER COMPANY  
SURRY POWER STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-280 AND 50-281

Introduction

By letter dated February 24, 1982, Virginia Electric and Power Company (the licensee) requested amendments to License Nos. DPR-32 and DPR-37 for the Surry Power Station, Unit Nos. 1 and 2. These changes would revise the Technical Specifications to permit a calibration of seismic instrumentation each refueling instead of semi-annually.

Discussion and Evaluation

The licensee requests a change in the frequency of calibration for the seismic instrumentation (from semi-annual to each refueling) stating that the integrity and the function of the system is not changed by performing the calibration during refueling operations. The system would still be shown to be operational by monthly functional tests and checks.

We have reviewed this change and conclude that it is consistent with the NRC Standard Review Plan SRP-3.7.4 and NRC approved Standard Technical Specification for surveillance. We find the change to be acceptable.

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### Environmental Consideration

We have determined that the amendments do 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 amendments involve 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 these amendments.

### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the amendments do 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: March 25, 1982

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-280 AND 50-281VIRGINIA ELECTRIC AND POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY  
OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 75 to Facility Operating License No. DPR-32 and Amendment No. 76 to Facility Operating License No. DPR-37 issued to Virginia Electric and Power Company (the licensee), which revised Technical Specifications for operation of the Surry Power Station, Unit Nos. 1 and 2, respectively, (the facilities), located in Surry County, Virginia. The amendments are effective as of the date of issuance.

These amendments revise the Technical Specifications to change the frequency of calibrating seismic instrumentation from semi-annual to each refueling.

The application for the amendments 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 amendments. Prior public notice of these amendments was not required since these amendments do not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §1.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

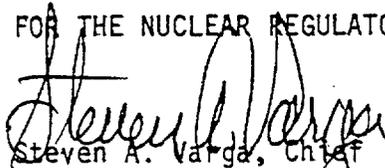
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For further details with respect to this action, see (1) the application for amendments dated February 24, 1982, (2) Amendment Nos. 75 and 76 to License Nos. DPR-32 and DPR-37, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. and at the Swem Library, College of William and Mary, Williamsburg, Virginia 23185. 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 Licensing.

Dated at Bethesda, Maryland, this 25th day of March, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing