

January 22, 1985

Docket Nos. 50-280
and 50-281

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Docket File

Mr. W. L. Stewart
Vice President - Nuclear Operations
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

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CParrish PMcKee
JDNeighbors SECY
EJordan JNGrace
ACRS 10
TBarnhart 8

Dear Mr. Stewart:

The Commission has issued the enclosed Amendment No.101 to Facility Operating License No. DPR-32 and Amendment No.100 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 September 19, 1984.

These amendments revise Technical Specification Table 4.1-2A to delete the requirement to test the control rod drop times at cold conditions after a refueling shutdown or after maintenance requiring the breach of the Reactor Coolant System.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular monthly Federal Register notice.

Sincerely,

/s/JDNeighbors

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

Enclosures:

1. Amendment No.101 to DPR-32
2. Amendment No.100 to DPR-37
3. Safety Evaluation

cc: w/enclosures

See next page

*See previous white for concurrence

ORB#1:DL*	ORB#1:DL*	ORB#1:DL*	BC-ORB#1:DL*	OELD*	AD:OR:DL
CParrish	KEJohnston;ps	JDNeighbors	SVarga	1/14/85	GLaigas
1/7/85	1/8/85	1/7/85	1/8/85		1/14/85

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OELD

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AD:OR:DL

GLainas

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Mr. W. L. Stewart
Virginia Electric and Power Company

Surry Power Station
Units 1 and 2

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109 Governor Street
Richmond, Virginia 23219



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. 101
License No. DPR-32

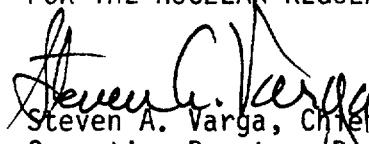
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric and Power Company (the licensee) dated September 19, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's 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-32 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 101, 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: January 22, 1985



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. 100
License No. DPR-37

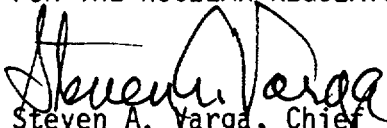
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 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted 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.100, 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: January 22, 1985

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 101 FACILITY OPERATING LICENSE NO. DPR-32

AMENDMENT NO. 100 FACILITY OPERATING LICENSE NO. DPR-37

DOCKET NOS. 50-280 AND 50-281

Revise Appendix A as follows:

Remove Page

Table 4.1-2A

Insert Page

Table 4.1-2A

TABLE 4.1-2A

MINIMUM FREQUENCY FOR EQUIPMENT TESTS

<u>Description</u>	<u>Test</u>	<u>Frequency</u>	<u>FSAR Section Reference</u>
1. Control Rod Assemblies	Rod drop times of all full length rods at hot conditions	Each refueling shutdown or after disassembly or maintenance requiring the breach of the Reactor Coolant System integrity	7
2. Control Rod Assemblies	Partial movement of all rods	Every 2 weeks	7
3. Refueling Water Chemical Addition Tank	Functional	Each refueling shutdown	6
4. Pressurizer Safety Valves	Setpoint	Each refueling shutdown	4
5. Main Steam Safety Valves	Setpoint	Each refueling shutdown	10
6. Containment Isolation Trip	*Functional	Each refueling shutdown	5
7. Refueling System Interlocks	*Functional	Prior to refueling	9.12
8. Service Water System	*Functional	Each refueling shutdown	9.9
9. Fire Protection Pump and Power Supply	Functional	Monthly	9.10
10. Primary System Leakage	*Evaluate	Daily	4
11. Diesel Fuel Supply	*Fuel Inventory	5 days/week	8.5
12. Boric Acid Piping Heat Tracing Circuits	*Operational	Monthly	9.1
13. Main Steam Line Trip	Functional (1) Full closure (2) Partial closure	(1) Each cold shutdown (2) Before each startup	10



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 101 TO FACILITY OPERATING LICENSE NO. DPR-32
AND AMENDMENT NO. 100 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 September 19, 1984, Virginia Electric and Power Company requested amendments to License Nos. DPR-32 and DPR-37 for the Surry Power Station Units 1 and 2 (Surry 1/2). The proposed change would revise Technical Specification Table 4.1-2A to delete the requirement to test the control rod drop times at cold conditions after a refueling or a maintenance outage requiring a breach of the Reactor Coolant System.

Evaluation

We have reviewed the September 19, 1984 submittal and the Surry 1/2 UFSAR Chapter 14 accident analyses. The current requirement is to verify the rod drop time to be no more than 1.8 seconds to dashpot entry for cold conditions, after a refueling shutdown or after maintenance requiring the breach of the Reactor Coolant System. However, no transient or accident analysis relies on inserting control rods unless the reactor core is at the hot critical condition. In addition, the Standard Technical Specifications do not require the cold rod drop time tests. Therefore, we agree with the licensee that the cold rod drop time tests are unnecessary and can be eliminated and find the change to the Technical Specification Table 4.1-2A, as submitted by the licensee, to be acceptable.

Environmental Consideration

These amendments involve a change in the installation or use of the facilities components located within the restricted areas as defined in 10 CFR 20. The staff has determined that these amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation

exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) 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.

Dated: January 22, 1985

Principal Contributors:

K. E. Johnston
J. D. Neighbors
M. Chatterton