

Docket Nos. 50-280  
and 50-281

February 5, 1990

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Mr. W. L. Stewart  
Senior Vice President - Nuclear  
Virginia Electric and Power Company  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060

Posted

*Amdt. 137 to DPR-37*

Dear Mr. Stewart:

SUBJECT: SURRY UNITS 1 AND 2 - ISSUANCE OF AMENDMENTS RE: REACTOR TRIP  
BREAKER TESTING (TAC NOS. 74811 AND 74812)

The Commission has issued the enclosed Amendment No. 137 to Facility Operating License No. DPR-32 and Amendment No. 137 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 1, 1989, as supplemented December 28, 1989.

These amendments change Table 4.1-1, Item 36, "Reactor Trip Bypass Breaker" by replacing the "automatic shunt trip" device test with an "automatic undervoltage trip" device test on a refueling basis. In addition, the word "local" has been replaced with the word "remote" to describe the location for initiation of the monthly test of the bypass breaker prior to placing it in service.

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Original Signed by

Bart C. Buckley, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 137 to DPR-32
2. Amendment No. 137 to DPR-37
3. Safety Evaluation

cc w/enclosures:  
See next page

OFC	:LA:PDII-2	:PDII-2	:PM:PDII-2	:D:PDII-2	:DGC	:
	:Diller	:DRoberts:s1	:BBuckley	:HBenkow	:RBachmann	:
DATE	:1/11/90	:1/11/90	:1/11/90	:1/12/90	:1/26/90	:

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

Surry Power Station

cc:

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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. 137  
License No. DPR-32

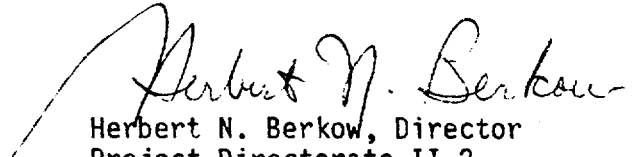
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Virginia Electric and Power Company (the licensee) dated September 1, 1989, as supplemented December 28, 1989 complies with the standards and requirements of the Atomic Energy Act of 1954, as 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. 137, 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

  
Herbert N. Berkow, Director  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: February 5, 1990



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. 137  
License No. DPR-37

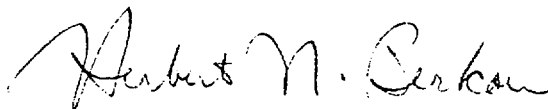
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Virginia Electric and Power Company (the licensee) dated September 1, 1989, as supplemented December 28, 1989, complies with the standards and requirements of the Atomic Energy Act of 1954, as 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. 137, 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



Herbert N. Berkow, Director  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: February 5, 1990

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 137 FACILITY OPERATING LICENSE NO. DPR-32

AMENDMENT NO. 137 FACILITY OPERATING LICENSE NO. DPR-37

DOCKET NOS. 50-280 AND 50-281

Revise Appendix A as follows:

Remove Pages

TS 4.1-8a

Insert Pages

TS 4.1-8a

TABLE 4.1-1 (Continued)

MINIMUM FREQUENCIES FOR CHECK, CALIBRATIONS, AND TEST OF INSTRUMENT CHANNELS

	<u>Channel Description</u>	<u>Check</u>	<u>Calibrate</u>	<u>Test</u>	<u>Remarks</u>
33.	Loss of Power				
a.	4.16 KV Emergency Bus Under-voltage (Loss of Voltage)	N.A.	R	M	
b.	4.16 KV Emergency Bus Under-voltage (Degraded Voltage)	N.A.	R	M	
34.	Deleted				
35.	Manual Reactor Trip	N.A.	N.A.	R	The test shall independently verify the operability of the undervoltage and shunt trip attachments for the manual reactor trip function. The test shall also verify the operability of the bypass breaker trip circuit.
36.	Reactor Trip Bypass Breaker	N.A.	N.A.	M(1), R(2)	1) Remote manual undervoltage trip prior to placing breaker in service.  2) Automatic undervoltage trip.
37.	Safety Injection Input from ESF	N.A.	N.A.	R	
38.	Reactor Coolant Pump Breaker Position Trip	N.A.	N.A.	R	

Amendment Nos. 137 and 137





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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 137 TO FACILITY OPERATING LICENSE NO. DPR-32  
AND AMENDMENT NO. 137 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 1, 1989, as supplemented December 28, 1989, the Virginia Electric and Power Company (the licensee) requested changes to the Technical Specifications (TS) for Surry Power Station, Units No. 1 and 2 regarding errors associated with reactor trip breaker testing. The proposed action would correct the errors found in Table 4.1-1 of TS 4.1, "Operational Safety Review."

The December 28, 1989 letter corrected a typographical error in Table 4.1-1. Therefore, this letter did not change the action noticed in the Federal Register on November 1, 1989 and does not alter the the staff's initial no significant hazards consideration determination.

DISCUSSION AND EVALUATION

The proposed changes to TS 4.1, Table 4.1-1, Item 36: Reactor Trip Bypass Breaker, correct errors which do not reflect current testing conditions as they apply to the bypass breakers. In the Remarks column, item (1), the word "Local" is being replaced with the word "Remote" to describe the location for the initiation of the breaker test prior to placing it in service. In item (2), the word "shunt" is being replaced with "undervoltage". These changes will accurately reflect modifications made to the Surry reactor trip breakers in accordance with Generic Letter (GL) 83-28 and GL 85-09. Thus, the staff finds the proposed TS revision to be acceptable.

ENVIRONMENTAL CONSIDERATION

These amendments involve a change to a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. We have determined that the 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 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: February 5, 1990

Principal Contributor:

D. Roberts