

July 12, 1976

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Docket Nos.: 50-280 ✓
 and 50-281

Virginia Electric & Power Company
 ATTN: Mr. W. L. Proffitt
 Senior Vice President
 P.O. Box 26666
 Richmond, Virginia 23261

Gentlemen:

The Commission has issued the enclosed Amendments No. 22 to Facility Licenses Nos. DPR-32 and DPR-37 for the Surry Power Station, Units 1 and 2. The amendments consist of changes to your Technical Specifications for each license and are in response to your request dated April 19, 1976.

The amendments revise the provisions of Section 6.0 of the Technical Specifications related to reorganization of the Chemistry and Health Physics groups.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

Robert W. Reid, Chief
 Operating Reactors Branch #4
 Division of Operating Reactors

Enclosures:

1. Amendment No. 22 to DPR-32
2. Amendment No. 22 to DPR-37
3. Safety Evaluation
4. Federal Register Notice

cc w/enclosures:
 See next page



OFFICE →	ORB#4:DOR	ORB#4:DOR	OELD	C-ORB#4:DOR	
SURNAME →	RIngram	MFairtile:vh	KAW	RReid	
DATE →	7/6/76	7/8/76	7/9/76	7/12/76	

cc w/enclosures:

Michael W. Maupin, Esq.
Hunton, Williams, Gay & Gibson
P. O. Box 1535
Richmond, Virginia 23213

Swem Library
College of William & Mary
Williamsburg, Virginia 23185

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

cc w/enclosures & incoming:

Ms. Susan T. Wilburn
Commonwealth of Virginia
Council on the Environment
903 9th Street Office Building
Richmond, Virginia 23219



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

VIRGINIA ELECTRIC & POWER COMPANY

DOCKET NO. 50-280

SURRY POWER STATION UNIT NO. 1

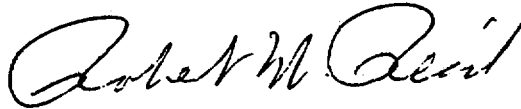
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 22
License No. DPR-32

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric & Power Company (the licensee) dated April 19, 1976, 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 a change to the Technical Specifications as indicated in the attachment to this license amendment.

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

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, reading "Robert W. Reid".

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Attachment:
Changes to the
Technical Specifications

Date of Issuance: July 12, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 22

FACILITY OPERATING LICENSE NO. DPR-32

DOCKET NO. 50-280

Replace pages TS6.1-1, TS6.1-3, TS Fig. 6.1-3, TS 6.4-2, TS6.4-7a and TS 6.4-7b with the attached pages bearing the same numbers. Changes on these pages are shown by marginal lines.

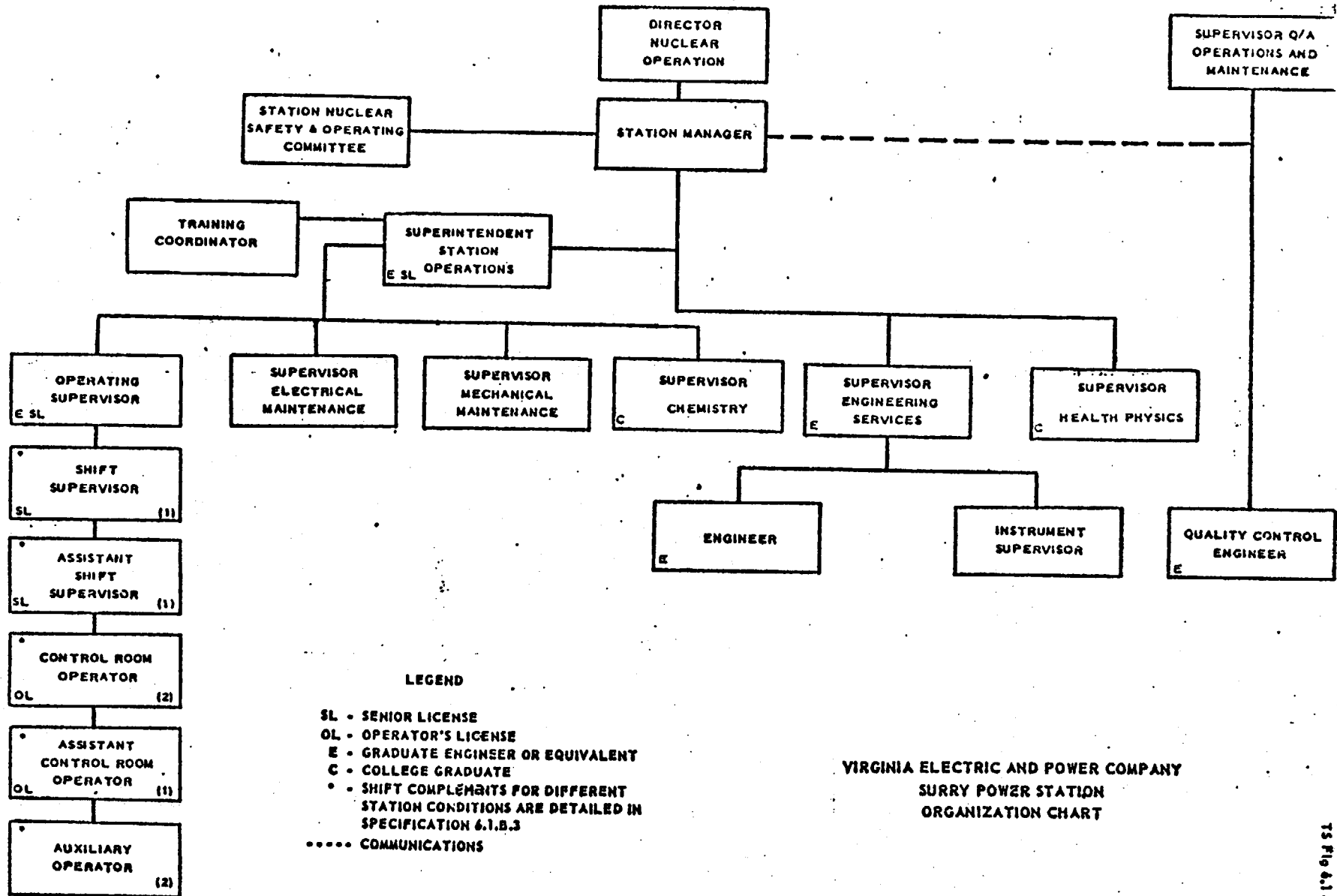
6.0 ADMINISTRATIVE CONTROLS**6.1 ORGANIZATION, SAFETY AND OPERATION REVIEW****Specification**

- A. The Station Manager shall be responsible for the safe operation of the facility. The Station Manager shall report to the Director-Nuclear Operation. The relationship between this Director and other levels of company management is shown in TS Figure 6.1-1 and 6.1-2.
- B. The station organization shall conform to the chart as shown in TS Figure 6.1-3.
1. Qualifications with regard to education and experience and the technical specialties of key supervisory personnel will meet the minimum acceptable levels described in American National Standard 18.1 "Selection and Training of Nuclear Power Plant Personnel" dated March 8, 1971.

The key supervisory personnel are as follows:

- (a) Manager
- (b) Superintendent-Station Operations
- (c) Operating Supervisor
- (d) Supervisor-Electrical Maintenance
- (e) Supervisor-Mechanical Maintenance
- (f) Supervisor-Engineering Services
- (g) Supervisor-Health Physics
- (h) Shift Supervisor

3. Operating Supervisor
 4. Supervisor-Electrical Maintenance
 5. Supervisor-Mechanical Maintenance
 6. Supervisor-Engineering Services
 7. Supervisor-Health Physics
- b. **Qualifications:** The qualifications of the regular members of the Station Nuclear Safety and Operating Committee with regard to the combined experience and technical specialties of the individual members shall be maintained at a level at least equal to those described in Section 6.1.B.1 of the Specifications.
- c. **Meeting frequency:** As called by the Chairman but not less than monthly.
- d. **Quorum:** Chairman or Vice Chairman, Supervisor-Health Physics, and three others to provide a quorum of five members. The Chairman or Vice Chairman may appoint a similarly qualified designee to represent a member other than the Chairman or Vice Chairman.
- e. **Responsibilities**
1. Periodically review all proposed normal, abnormal, and emergency operating procedures and all proposed maintenance procedures. Review proposed changes to those procedures, and any other proposed procedures or changes thereto as determined by the Station Manager which affect nuclear safety.



LEGEND

- SL - SENIOR LICENSE
- OL - OPERATOR'S LICENSE
- E - GRADUATE ENGINEER OR EQUIVALENT
- C - COLLEGE GRADUATE
- - SHIFT COMPLIMENTS FOR DIFFERENT STATION CONDITIONS ARE DETAILED IN SPECIFICATION 6.1.B.3
- COMMUNICATIONS

**VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION
ORGANIZATION CHART**

1. The intent of 10 CFR 20.203(c)(2)(iii) shall be implemented by satisfying the following conditions:
 - a. The entrance to each radiation area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted.
 - b. The entrance to each radiation area in which the intensity of radiation is equal to or greater than 100 mrem/hr shall be provided with locked barricades to prevent unauthorized entry into these areas. Keys to these locked barricades shall be maintained under the administrative control of the Shift Supervisor.
 - c. All such accessible high radiation areas shall be surveyed by Health Physics personnel on a routine schedule, as determined by the Supervisor-Health Physics, to assure a safe and practical program.
 - d. Any individual entering a high radiation area shall have completed the indoctrination course designed to explain the hazards and safety requirements involved, or shall be escorted at all times by a person who has completed the course.
 - e. Any individual or group of individuals permitted to enter a high radiation area per 1.d. above, shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.

- D. All procedures described in A and B above shall be followed.
- E. Temporary changes to procedures described in A and B above which do not change the intent of the original procedure may be made, provided such changes are approved prior to implementation by the person designated below based on the type of procedure to be changed:

1. Administrative	Station Manager
2. Abnormal	Shift Supervisor
3. Annunciator	Shift Supervisor
4. Health Physics	*Health Physicist
5. Emergency	Shift Supervisor
6. Electrical Maintenance	*Electrical Foreman
7. Mechanical Maintenance	*Mechanical Foreman
8. Operating	Shift Supervisor
9. Periodic Test	*Cognizant Supervisor
10. Start-up Test	*Supervisor-Engineering Services
11. Special Test	*Supervisor-Engineering Services
12. Quality Control	Quality Control Engineer
13. Chemistry	*Chemist

*In addition, these procedures must have the approval of a licensed Senior Reactor Operator.

Such changes will be documented and subsequently reviewed by the Station Nuclear Safety and Operating Committee and approved by the Station Manager within seven days.

- F. Temporary changes to procedures described in A and B above which change the intent of the original procedure may be made, provided such changes are approved prior to implementation by the person designated below based on the type of procedure to be changed.

1. Administrative	Station Manager
2. Abnormal	Operating Supervisor or Superintendent-Station Operations
3. Annunciator	Operating Supervisor or Superintendent-Station Operations
4. Health Physics	Supervisor-Health Physics
5. Emergency	Operating Supervisor or Superintendent-Station Operations
6. Maintenance	Supervisor-Mechanical Maintenance Supervisor-Electrical Maintenance Instrument Supervisor
7. Operating	Operating Supervisor Superintendent-Station Operations
8. Period Test	Supervisor-Engineering Services
9. Startup Test	Supervisor-Engineering Services
10. Special Test	Supervisor-Engineering Services
11. Quality Control	Quality Control Engineer
12. Chemistry	Supervisor-Chemistry

Such changes will be documented and subsequently reviewed by the Station Nuclear Safety and Operating Committee and approved by the Station Manager.

- G. In cases of emergency, operations personnel shall be authorized to depart from approved procedures where necessary to prevent injury to personnel or damage to the facility. Such changes shall be documented and reviewed by the Station Nuclear Safety and Operating Committee and approved by the Station Manager.



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

VIRGINIA ELECTRIC & POWER COMPANY

DOCKET NO. 50-281

SURRY POWER STATION UNIT NO. 2

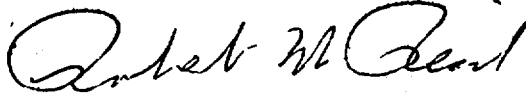
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 22
License No. DPR-37

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric & Power Company (the licensee) dated April 16, 1976, 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 a change to the Technical Specifications as indicated in the attachment to this license amendment.

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

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Robert W. Reid".

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Attachment:
Changes to the
Technical Specifications

Date of Issuance: July 12, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 22

FACILITY OPERATING LICENSE NO. DPR-37

DOCKET NO. 50-281

Replace pages TS6.1-1, TS6.1-3, TS Fig. 6.1-3, TS6.4-2, TS6.4-7a and TS6.4-7b with the attached pages bearing the same numbers. Changes on these pages are shown by marginal lines.

6.0 ADMINISTRATIVE CONTROLS

6.1 ORGANIZATION, SAFETY AND OPERATION REVIEW

Specification

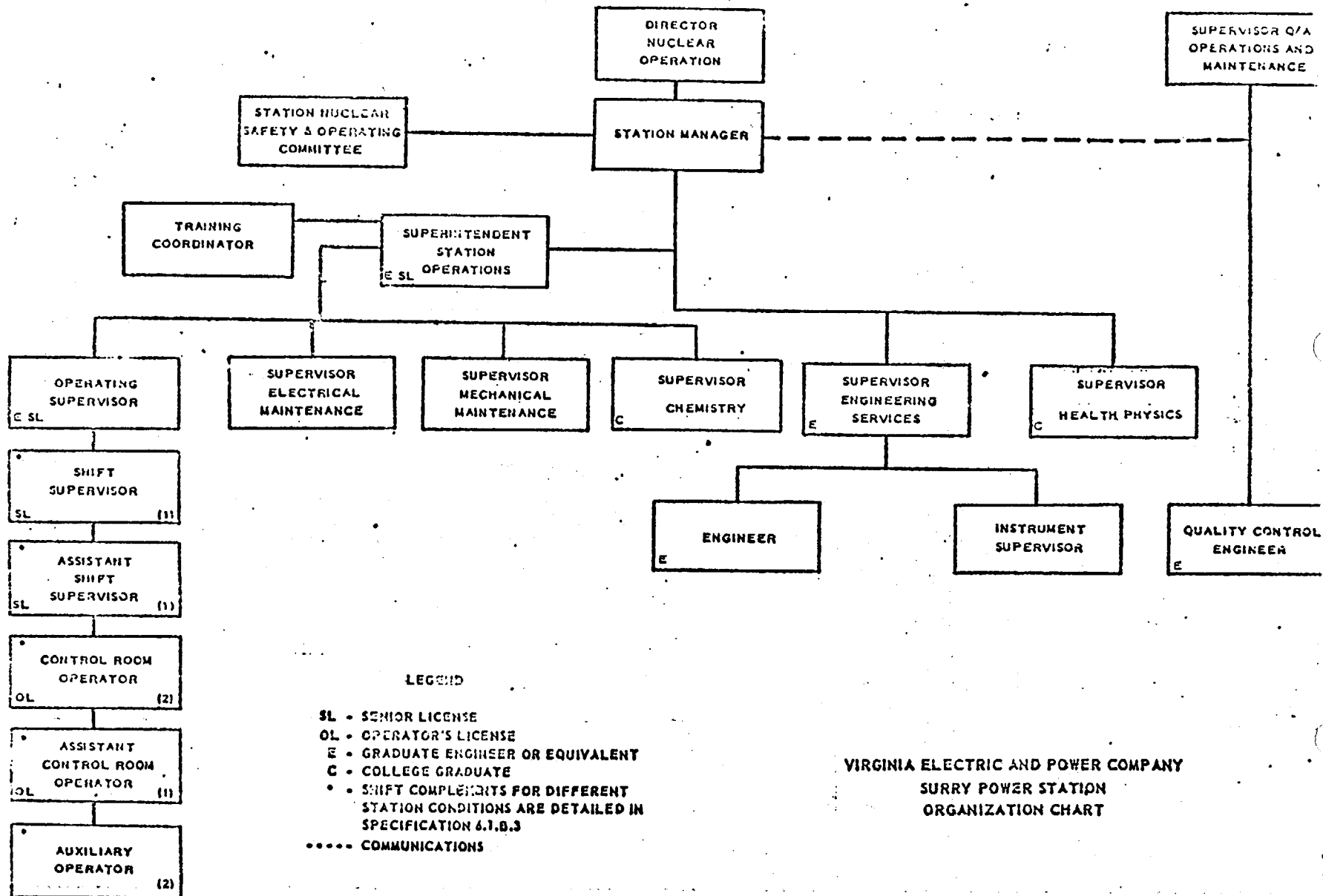
- A. The Station Manager shall be responsible for the safe operation of the facility. The Station Manager shall report to the Director-Nuclear Operation. The relationship between this Director and other levels of company management is shown in TS Figure 6.1-1 and 6.1-2.
- B. The station organization shall conform to the chart as shown in TS Figure 6.1-3.
1. Qualifications with regard to education and experience and the technical specialties of key supervisory personnel will meet the minimum acceptable levels described in American National Standard 18.1 "Selection and Training of Nuclear Power Plant Personnel" dated March 8, 1971.

The key supervisory personnel are as follows:

- (a) Manager
- (b) Superintendent-Station Operations
- (c) Operating Supervisor
- (d) Supervisor-Electrical Maintenance
- (e) Supervisor-Mechanical Maintenance
- (f) Supervisor-Engineering Services
- (g) Supervisor-Health Physics
- (h) Shift Supervisor

3. Operating Supervisor
4. Supervisor-Electrical Maintenance
5. Supervisor-Mechanical Maintenance
6. Supervisor-Engineering Services
7. Supervisor-Health Physics

- b. **Qualifications:** The qualifications of the regular members of the Station Nuclear Safety and Operating Committee with regard to the combined experience and technical specialties of the individual members shall be maintained at a level at least equal to those described in Section 6.1.B.1 of the Specifications.
- c. **Meeting frequency:** As called by the Chairman but not less than monthly.
- d. **Quorum:** Chairman or Vice Chairman, Supervisor-Health Physics, and three others to provide a quorum of five members. The Chairman or Vice Chairman may appoint a similarly qualified designee to represent a member other than the Chairman or Vice Chairman.
- e. **Responsibilities**
 1. Periodically review all proposed normal, abnormal, and emergency operating procedures and all proposed maintenance procedures. Review proposed changes to those procedures, and any other proposed procedures or changes thereto as determined by the Station Manager which affect nuclear safety.



1. The intent of 10 CFR 20.203(c)(2)(iii) shall be implemented by satisfying the following conditions:
 - a. The entrance to each radiation area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted.
 - b. The entrance to each radiation area in which the intensity of radiation is equal to or greater than 100 mrem/hr shall be provided with locked barricades to prevent unauthorized entry into these areas. Keys to these locked barricades shall be maintained under the administrative control of the Shift Supervisor.
 - c. All such accessible high radiation areas shall be surveyed by Health Physics personnel on a routine schedule, as determined by the Supervisor-Health Physics, to assure a safe and practical program.
 - d. Any individual entering a high radiation area shall have completed the indoctrination course designed to explain the hazards and safety requirements involved, or shall be escorted at all times by a person who has completed the course.
 - e. Any individual or group of individuals permitted to enter a high radiation area per 1.d. above, shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.

- D. All procedures described in A and B above shall be followed.
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9. Periodic Test	*Cognizant Supervisor
10. Start-up Test	*Supervisor-Engineering Services
11. Special Test	*Supervisor-Engineering Services
12. Quality Control	Quality Control Engineer
13. Chemistry	*Chemist

*In addition, these procedures must have the approval of a licensed Senior Reactor Operator.

Such changes will be documented and subsequently reviewed by the Station Nuclear Safety and Operating Committee and approved by the Station Manager within seven days.

- F. Temporary changes to procedures described in A and B above which change the intent of the original procedure may be made, provided such changes are approved prior to implementation by the person designated below based on the type of procedure to be changed.

1.	Administrative	Station Manager
2.	Abnormal	Operating Supervisor or Superintendent-Station Operations
3.	Annunciator	Operating Supervisor or Superintendent-Station Operations
4.	Health Physics	Supervisor-Health Physics
5.	Emergency	Operating Supervisor or Superintendent-Station Operations
6.	Maintenance	Supervisor-Mechanical Maintenance Supervisor-Electrical Maintenance Instrument Supervisor
7.	Operating	Operating Supervisor Superintendent-Station Operations
8.	Period Test	Supervisor-Engineering Services
9.	Startup Test	Supervisor-Engineering Services
10.	Special Test	Supervisor-Engineering Services
11.	Quality Control	Quality Control Engineer
12.	Chemistry	Supervisor-Chemistry

Such changes will be documented and subsequently reviewed by the Station Nuclear Safety and Operating Committee and approved by the Station Manager.

- G. In cases of emergency, operations personnel shall be authorized to depart from approved procedures where necessary to prevent injury to personnel or damage to the facility. Such changes shall be documented and reviewed by the Station Nuclear Safety and Operating Committee and approved by the Station Manager.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENTS NO. 22 TO LICENSES NOS. DPR-32 AND DPR-37

VIRGINIA ELECTRIC & POWER COMPANY

SURRY POWER STATION UNITS 1 & 2

DOCKETS NOS. 50-280 AND 50-281

Introduction

By letter dated April 19, 1976, Virginia Electric & Power Company (the licensee) requested amendments to Facility Operating Licenses Nos. DPR-32 and DPR-37. The purpose of the request is to revise the Surry Units 1 and 2 Technical Specifications in order to implement changes in the organization of the Chemistry and Health Physics groups.

Evaluation

We have reviewed and evaluated the proposed change, which involves a reorganization of VEPCO's Chemistry and Health Physics group at the Surry Power Station. We found that the proposed change would reorganize the present Chemistry and Health Physics group into two organizations, namely, a Chemistry organization and a Health Physics organization, each with its own supervisor. Our review included examination of the proposed organization, reporting arrangements for these functions, and consideration of the effect of the changes on previously approved responsibilities.

Based on our review, we find the proposed change provides closer supervision of the Health Physics and Chemistry organizations and is acceptable.

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 statement, negative declaration, or 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 change 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 change 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: July 12, 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-280 AND 50-281

VIRGINIA ELECTRIC & POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY
OPERATING LICENSES

Notice is hereby given that the U.S. Nuclear Regulatory Commission (the Commission) has issued Amendments No. 22 to Facility Operating Licenses Nos. DPR-32 and DPR-37 issued to Virginia Electric & Power Company, which revised Technical Specifications for operation of the Surry Power Station Units Nos. 1 and 2, located in Surry County, Virginia. The amendments are effective as of the date of issuance.

The amendments revise the provisions of Section 6.0 of the Technical Specifications related to reorganization of the Chemistry and Health Physics groups.

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 the amendments do not involve a significant hazards consideration.

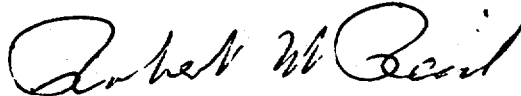
The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with issuance of these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

For further details with respect to this action, see (1) the application for amendments dated April 19, 1976, (2) Amendments No. 22 to Licenses 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, N.W. Washington, D.C. and at the Swem Library, College of William and Mary, Williamsburg, Virginia.

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 Operating Reactors.

Dated at Bethesda, Maryland, this 12 day of July 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Robert W. Reid".

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors