

MAY 22 1981

Docket Nos. 50-280' and 50-281

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. 69 to Facility Operating License No. DPR-32 and Amendment No. 69 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 applications transmitted by letters dated March 31, August 28, and November 14, 1980, as supplemented August 4, 1980 and February 23, 1981.

These amendments consist of changes to the Technical Specifications which revise the Administrative Controls, Section 6. The changes reflect corporate and plant reorganizations including the addition of an Assistant Station Manager, establishment of a Safety-Evaluation and Control group to replace the System Nuclear Safety and Operating Committee and the addition of a Shift Technical Advisor.

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

Sincerely,

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

Enclosures:

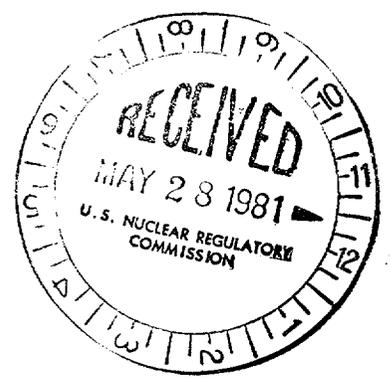
1. Amendment No. 69 to DPR-32
2. Amendment No. 69 to DPR-37
3. Safety Evaluation
4. Notice of Issuance

cc: w/enclosures  
See next page

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ORB-3:DL

*objection to Amend from ORR work*



OFFICE	ORB#1:DL	ORB#1:DI	ORB#1:DL	AD/OR:DL	OELD	LOB
SURNAME	CParrish	DNeighbors:ds	SVarga	Novak	LCANDOWN	D.VASSALLO
DATE	4/30/81	4/30/81	5/1/81	5/13/81	5/15/81	5/12/81



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

May 22, 1981

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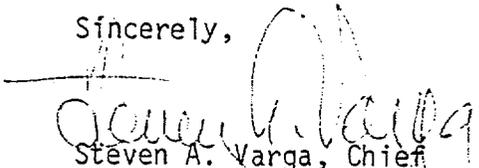
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These amendments consist of changes to the Technical Specifications which revise the Administrative Controls, Section 6. The changes reflect corporate and plant reorganizations including the addition of an Assistant Station Manager, establishment of a Safety Evaluation and Control group to replace the System Nuclear Safety and Operating Committee and the addition of a Shift Technical Advisor.

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1. Amendment No. 69 to DPR-32
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cc: w/enclosures  
See next page

Mr. J. H. Ferguson  
Virginia Electric and Power Company

cc: Mr. Michael W. Maupin  
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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

Commonwealth of Virginia  
Council on the Environment  
903 Ninth Street Office Building  
Richmond, Virginia 23219

Attorney General  
1101 East Broad Street  
Richmond, Virginia 23219

Mr. James R. Wittine  
Commonwealth of Virginia  
State Corporation Commission  
Post Office Box 1197  
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 Floor  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106



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. 69  
License No. DPR-32

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment by Virginia Electric and Power Company (the licensee) dated March 31, August 28, and November 14, 1980, as supplemented August 4, 1980 and February 23, 1981, comply 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 applications, 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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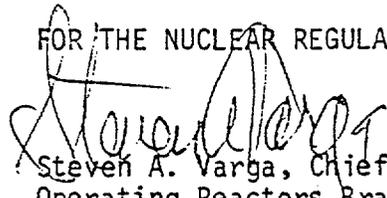
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-32 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 69, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective within 7 days of the date of 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: May 22, 1981



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. 69  
License No. DPR-37

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment by Virginia Electric and Power Company (the licensee) dated March 31, August 28, and November 14, 1980, as supplemented August 4, 1980 and February 23, 1981, comply 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 applications, 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.

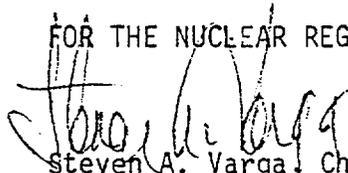
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-37 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 69, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective within 7 days of the date of 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: May 22, 1981

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NO. DPR-32

AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NO. DPR-37

DOCKET NOS. 50-280 AND 50-281

Revise Appendix A as follows:

<u>Remove Pages</u>	<u>Insert Pages</u>
6.1-1	6.1-1
6.1-2a	6.1-2
6.1-2b	-----
6.1-3	6.1-3
6.1-4	6.1-4
6.1-5	6.1-5
6.1-6	6.1-6
6.1-7	6.1-7
6.1-8	6.1-8
6.1-9	6.1-9
6.1-10	6.1-10
6.1-11	6.1-11
6.1-12	6.1-12
-----	6.1-13
-----	6.1-14
-----	6.1-15
T.S. Fig. 6.1-1	T.S. Fig. 6.1-1
T.S. Fig. 6.1-2	T.S. Fig. 6.1-2
T.S. Fig. 6.1-3	-----
6.2-1	6.2-1
6.3-1	6.3-1
6.4-5	6.4-5

## 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. In his absence, the Assistant Station Manager shall be responsible for the safe operation of the facility. During the absence of both, the Station Manager shall delegate in writing the succession to this responsibility.
1. The offsite organization for facility management and technical support shall be as shown on TS Figure 6.1-1.
- B. The Station organization shall conform to the chart as shown on TS Figure 6.1-2.
1. Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N.18.1-1971 for comparable positions, and the supplemental requirements specified in the March 23, 1980 NRC letter to all licensees, except for the Supervisor-Health Physics who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975.

2. The Shift Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design and response and analysis of the plant for transients and accidents.
3. The Station Manager is responsible for ensuring that retraining and replacement training programs for the facility staff are maintained and that such programs meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix "A" of 10 CFR Part 55 and the supplemental requirements specified in the March 28, 1980 NRC letter to all licensees, and shall include familiarization with relevant industry operational experience identified by the SEC staff.
4. Each on duty shift shall be composed of at least the minimum shift crew composition for each unit as shown in Table 6.1-1.
5. A health physics technician shall be on site when fuel is in the reactor.
6. All core alterations shall be observed and directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.

7. A Fire Brigade of at least five members, all of whom have received fire service training, will be maintained on-site at all times. This excludes personnel in Table 6.1-1 of the minimum shift crew necessary for safe shutdown of the plant and any personnel required for other essential functions during a fire emergency.
  
8. A training program for the Fire Brigade shall be maintained under the direction of a Fire Marshall and shall meet or exceed the requirements of the NFPA Code Section 27 (1975), except that a training session and drill shall be held at least once per 92 days.
  
9. The health physics technician and Fire Brigade composition of Specifications 6.1.B.5 and 6.1.B.6 may be less than the minimum requirement for a period of time not to exceed 2 hours in order to accommodate unexpected absence provided immediate action is taken to fill the required positions.

TABLE 6.1-1MINIMUM SHIFT CREW COMPOSITION

POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION		
	ONE UNIT OPERATING	TWO UNITS OPERATING	TWO UNITS IN COLD SHUTDOWN OR REFUELING
SS	1	1	1
SRO	1	1	None
RO	3	3	2
AO	3	3	3
STA	1	1	None

TABLE 6.1-1 (Continued)

SS - Shift Supervisor with a Senior Reactor Operators License.  
SRO - Individual with a Senior Reactor Operators License.  
RO - Individual with a Reactor Operators License.  
AO - Auxiliary Operator  
STA - Shift Technical Advisor

Except for the Shift Supervisor, the Shift Crew Composition may be one less than the minimum requirements of Table 6.1-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the Shift Crew Composition to within the minimum requirements of Table 6.1-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Shift Supervisor from the Control Room while the unit is in operation, an individual (other than the Shift Technical Advisor) with a valid SRO license shall be designated to assume the Control Room command function. During any absence of the Shift Supervisor from the Control Room while the unit is shutdown or refueling, an individual with a valid RO license (other than the Shift Technical Advisor) shall be designated to assume the Control Room command functions.

C. Organization units to provide a continuing review of the operational and safety aspects of the nuclear facility shall be constituted and have the authority and responsibilities outlined below:

1. Station Nuclear Safety and Operating Committee

a. Function

The SNSOC shall function to advise the Station Manager on all matters related to nuclear safety.

b. Composition

The SNSOC shall be composed of the:

Chairman:	Station Manager
Vice Chairman:	Assistant Station Manager
Member:	Superintendent-Operations
Member:	Superintendent-Maintenance
Member:	Superintendent-Technical Services
Member:	Supervisor-Health Physics

c. Alternates

All alternate members shall be appointed in writing by the SNSOC Chairman to serve on a temporary basis; however, no more than two alternates shall participate as voting members in SNSOC activities at any one time.

d. Meeting Frequency

The SNSOC shall meet at least once per calendar month and as convened by the SNSOC Chairman or his designated alternate.

e. Quorum

A quorum of the SNSOC shall consist of the Chairman or Vice Chairman and two members including alternates.

## f. Responsibilities

The SNSOC shall be responsible for:

1. Review of 1) all proposed normal, abnormal, and emergency operating procedures and all proposed maintenance procedures and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Station Manager which affect nuclear safety.
2. Review of all proposed test and experiment procedures and results thereof when applicable.
3. Review of proposed changes to Technical Specifications.
4. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
5. Investigation of all violations of the Technical Specifications including the preparation and forwarding of reports covering evaluation and recommendations to prevent recurrence to the Manager-Nuclear Operations and Maintenance and to the Director-Safety Evaluation and Control.
6. Review of events requiring 24 hour written notification to the Commission.
7. Review of facility operations to detect potential nuclear safety hazards.
8. Performance of special reviews, investigations or analyses and report thereon as requested by the Chairman of the Station Nuclear Safety and Operating Committee.

9. Review of the Plant Security Plan and implementing procedures and shall submit recommended changes to the Chairman of the Station Nuclear Safety and Operating Committee.
10. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairman of the Station Nuclear Safety and Operating Committee.

g. Authority

The SNSOC shall:

1. Recommend to the Station Manager written approval or disapproval of items considered under (1) through (4) above.
2. Render determinations in writing with regard to whether or not each item considered under (1) through (5) above constitutes an unreviewed safety question.
3. Provide written notification within 24 hours to the Manager-Nuclear Operations and Maintenance and the Director-Safety Evaluation and Control of disagreement between SNSOC and the Station Manager; however, the Station Manager shall have responsibility for resolution of such disagreements pursuant to 6.1-A above.

h. Records

The SNSOC shall maintain written minutes of each meeting and copies shall be provided to the Manager-Nuclear Operations and Maintenance and to the Director-Safety Evaluation and Control.

## 2. Safety Evaluation and Control (SEC)

### a. Function

SEC shall function to provide independent review of designated activities in the areas of:

1. Nuclear power plant operations
2. Nuclear engineering
3. Chemistry and radiochemistry
4. Metallurgy
5. Instrumentation and Control
6. Radiological safety
7. Mechanical and electrical engineering
8. Administrative controls and quality assurance practices
9. Other appropriate fields associated with the unique characteristics of the nuclear power plant

### b. Composition

The SEC staff shall be composed of the Director-Safety Evaluation and Control and a minimum of three individuals who qualify as staff specialists. Each SEC staff specialist shall have an academic degree in an engineering or physical science field and, in addition, shall have a minimum of five years technical experience in one or more areas given in Specification 6.1.C.2.a. These staff specialists shall not be directly involved in the licensing function.

### c. Consultants

Consultants shall be utilized as determined by the Director-Safety Evaluation and Control to provide expert advice to SEC.

d. Meeting Frequency

The SEC staff shall meet at least once per calendar month for the purpose of fostering interaction of reviews regarding safety-related operational activities.

e. Review

The following subjects shall be reviewed by SEC:

1. Written safety evaluations of changes in the stations as described in the Safety Analysis Report, changes in procedures as described in the Safety Analysis Report, and tests or experiments not described in the Safety Analysis Report which are completed without prior NRC approval under the provisions of 10 CFR 50.59 (a)(1). This review is to verify that such changes, tests, or experiments did not involve a change in the Technical Specifications or an unreviewed safety question as defined in 10 CFR 50.59 (a)(2) and is accomplished by review of minutes of the Station Nuclear Safety and Operating Committee and the design change program.
2. Proposed changes in procedures, proposed changes in the station, or proposed tests or experiments, any of which may involve a change in the Technical Specifications or an unreviewed safety question as defined in 10 CFR 50.59 (a)(2). Matters of this kind shall be referred to the Director-Safety Evaluation and Control by the Station Nuclear Safety and Operating Committee following its review prior to implementation.

3. Changes in the Technical Specifications or license amendments relating to nuclear safety prior to implementation except in those cases where the change is identical to a previously reviewed proposed change.
4. Violations and reportable occurrences such as:
  - (a) Violations of applicable codes, regulations, orders, Technical Specifications, license requirements or internal procedures or instructions having safety significance;
  - (b) Significant operating abnormalities or deviations from normal or expected performance of station safety-related structures, systems, or components; and
  - (c) Reportable occurrences as defined in the station Technical Specification 6.6.2.a.

Review of events covered under this paragraph shall include the results of any investigations made and the recommendations resulting from such investigations to prevent or reduce the probability of recurrence of the event.

5. The Quality Assurance audit program at least once per 12 months and audit reports.

6. Any other matter involving safe operation of the nuclear power stations which is referred to the Director-Safety Evaluation and Control by the Station Nuclear Safety and Operating Committee.
7. Reports and meeting minutes of the Station Nuclear Safety and Operating Committee.

e. Authority

The Director-Safety Evaluation and Control shall report to and advise the Manager-Nuclear Technical Services, who shall advise the Vice President-Nuclear Operations on those areas of responsibility specified in Section 6.1.C.2.d.

f. Records

Records of SEC activities required by Specification 6.1.C.2.e shall be prepared and maintained in the SEC files and a summary shall be disseminated as indicated below each calendar month.

1. Vice President-Nuclear Operations
2. Nuclear Power Station Managers
3. Manager-Nuclear Operations and Maintenance
4. Manager-Nuclear Technical Services
5. Manager-Quality Assurance, Operations
6. Others that the Director-Safety Evaluation and Control may designate.

### 3. Quality Assurance Department

#### a. Function

The Quality Assurance Department shall function to audit station activities. These audits shall encompass:

1. The conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least one per 12 months.
2. The performance, training and qualifications of the entire facility staff at least once per 12 months.
3. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least one per 6 months.
4. The performance of activities required by the Operational Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per 24 months.
5. The Station Emergency Plan and implementing procedures at least once per 24 months.

6. The Station Security Plan and implementing procedures at least once per 24 months.
7. Any other area of facility operation considered appropriate by the Executive Manager-Quality Assurance or the Senior Vice President-Power Operations.
8. The Station Fire Protection Program and implementing procedures at least once per 24 months.
9. An independent fire protection and loss prevention program inspection and audit shall be performed at least once per 12 months utilizing either qualified offsite licensee personnel or an outside fire protection firm.
10. An inspection and audit of the fire protection and loss prevention program shall be performed by a qualified outside fire consultant at least once per 36 months.

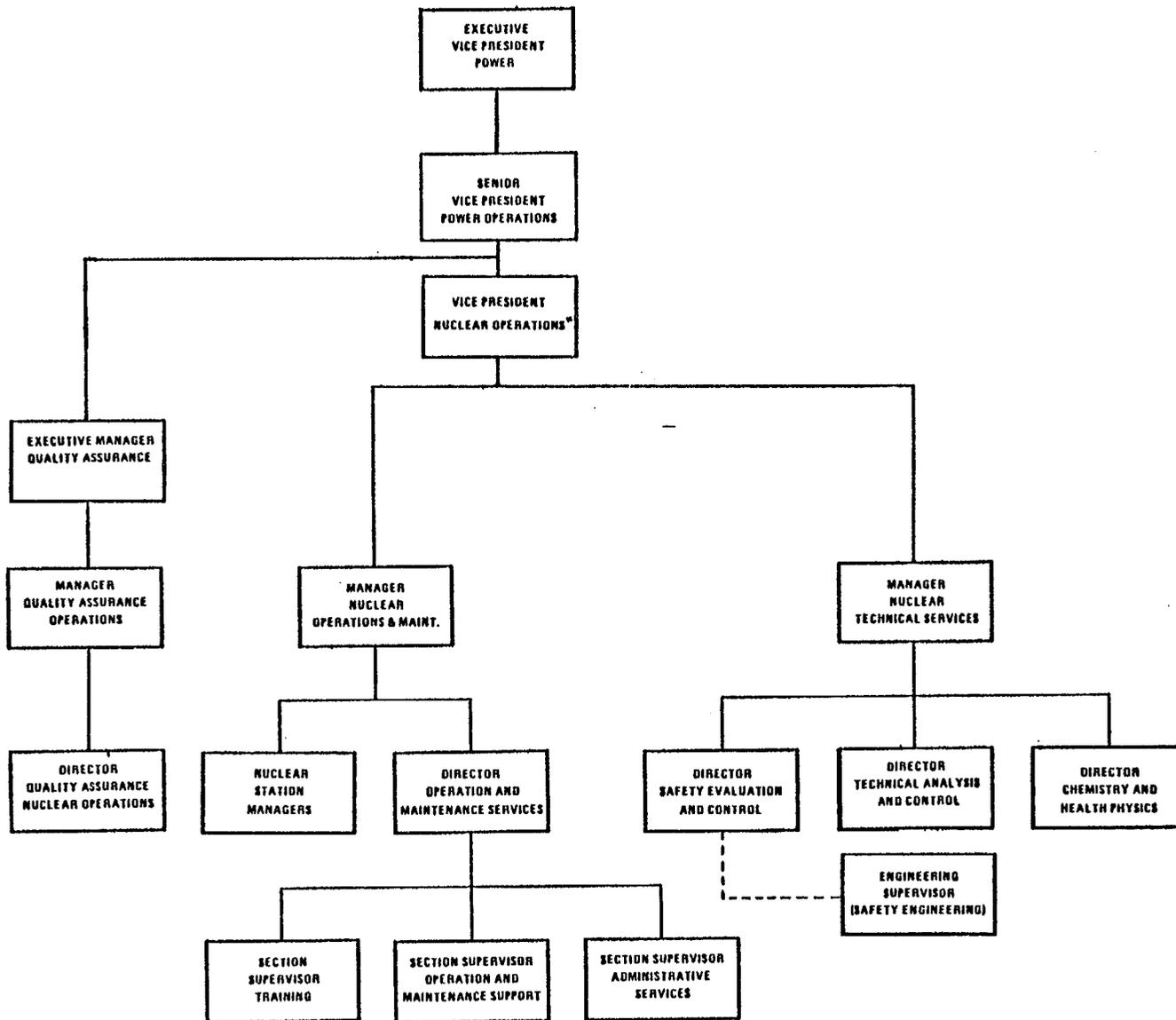
b. Authority

The Quality Assurance Department shall report to and advise the Executive Manager-Quality Assurance, who shall advise the Senior Vice President-Power Operations on those areas of responsibility specified in 6.1.C.3.a above.

## c. Records

Records of the Quality Assurance Department audits shall be prepared and maintained in the department files. Audit reports shall be disseminated as indicated below:

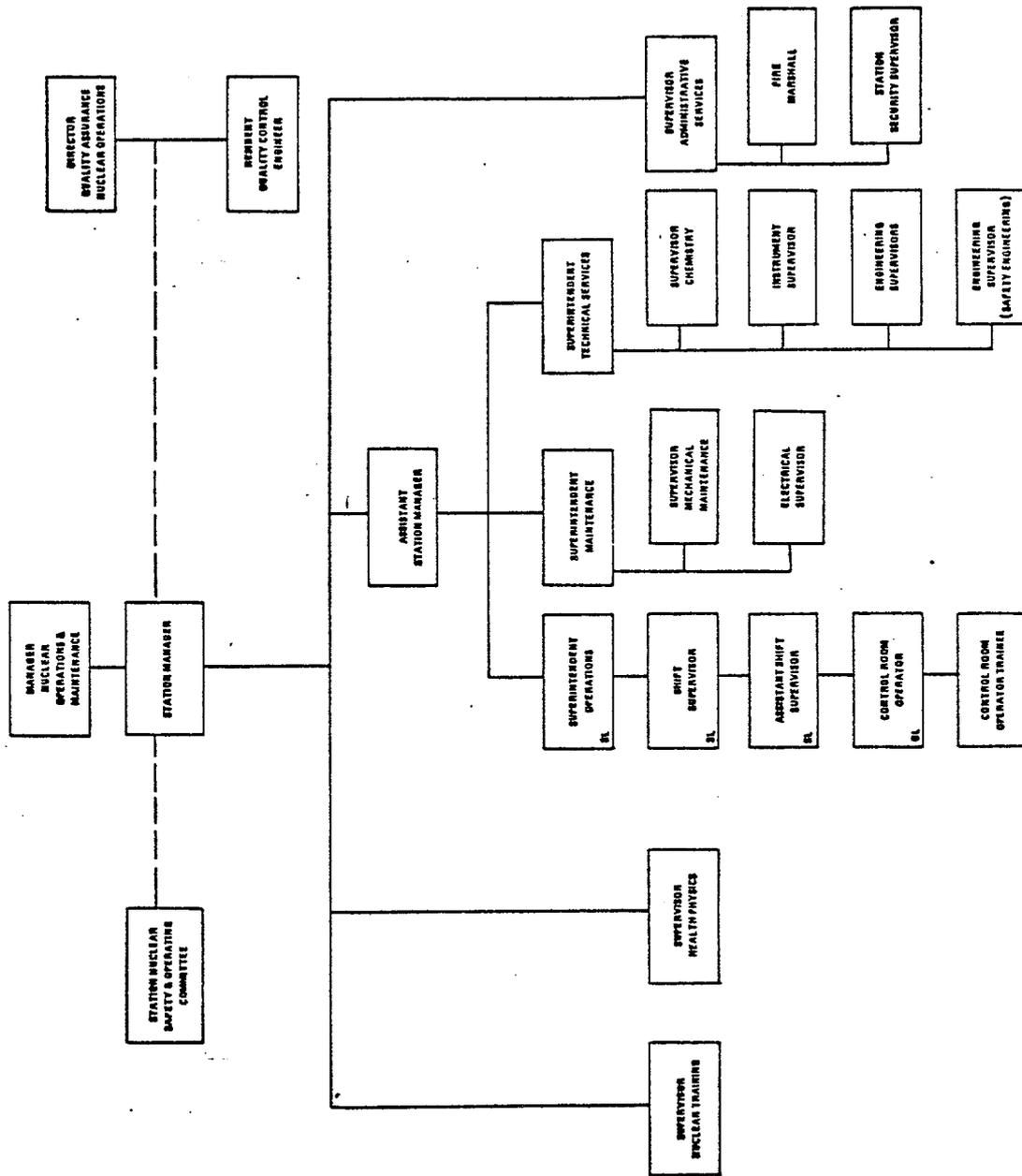
1. Nuclear Power Station Manager
2. Manager-Nuclear Operations and Maintenance
3. Manager-Nuclear Technical Services
4. Manager-Quality Assurance, Operations
5. Director-Quality Assurance, Nuclear Operations
6. Director - Safety Evaluation and Control
7. Supervisor of area audited
8. Nuclear Power Station Resident Quality Control Engineer



\*RESPONSIBLE FOR CORPORATE FIRE PROTECTION PROGRAM

Offsite Organization for Facility Management and Technical Support

SURRY POWER STATION  
ORGANIZATION CHART



LEGEND  
 SL - SENIOR LICENSE  
 OL - OPERATOR'S LICENSE  
 ... - COMMUNICATIONS

6.2 ACTION TO BE TAKEN IN THE EVENT OF A REPORTABLE OCCURRENCE IN STATION OPERATION

Specification

- A. The following actions shall be taken for reportable occurrences:
1. The Commission shall be notified and/or a report submitted pursuant to the requirements of Specification 6.6.
  2. Each reportable occurrence requiring 24 hour notification to the Commission shall be reviewed by the SNSOC and submitted to the Director-Safety Evaluation and Control and the Manager-Nuclear Operations and Maintenance.

## 6.3 ACTION TO BE TAKEN IF A SAFETY LIMIT IS EXCEEDED

Specification

A. The following actions shall be taken in the event a Safety Limit is violated:

1. The facility shall be placed in at least hot shutdown within one hour.
2. The Safety Limit violation shall be reported to the Commission, the Manager-Nuclear Operations and Maintenance, and the Director-Safety Evaluation and Control within 24 hours.
3. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the SNSOC. This report shall describe (1) applicable circumstances preceding the violation, (2) effects of the violation upon facility components, systems or structures, and (3) corrective action taken to prevent recurrence.
4. The Safety Limit Violation Report shall be submitted to the Commission, the Director-Safety Evaluation and Control, and the Manager-Nuclear Operations and Maintenance within 14 days of the violation.

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

Such changes will be documented as subsequently reviewed by the Station Nuclear Safety and Operation 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  
RELATED TO AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NO. DPR-32  
AND AMENDMENT NO. 69 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

Virginia Electric and Power Company (the licensee) has made applications for amendments to License Nos. DPR-32 and DPR-37 for the Surry Power Station, Unit Nos. 1 and 2. These applications are dated March 31, August 28, and November 14, 1980, as supplemented August 4, 1980 and February 23, 1981.

The proposed amendments consist of changes to the Technical Specifications which revise the Administrative Controls, Section 6. The changes reflect corporate and plant reorganization including the addition of an Assistant Station Manager, establishment of a Safety Evaluation and Control group to replace the System Nuclear Safety and Operating Committee and the addition of a Shift Technical Advisor.

Discussion and Evaluation

Technical Specifications Figure 6.1-1 has been revised to show the new structure of the offsite organization for facility management and technical support. Information provided by Figure 6.1-1 was previously provided by Figures 6.1-1 and 6.1-2. The previous positions of Senior Vice President-Power and Vice President-Power Supply and Production Operations have been deleted from the Technical Specifications. The deleted positions have been replaced by the Executive Vice President-Power, the Senior Vice President-Power Operations, and the Vice President-Nuclear Operations. All previous references to the Senior Vice President-Power and Vice President-Power Supply and Production Operations positions have been revised to reference either the Senior Vice President-Power Operations or the Vice President-Nuclear Operations positions.

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As indicated by Figure 6.1-1, the Manager-Nuclear Operations and Maintenance and the Manager-Nuclear Technical Services replace the previous position of Director-Nuclear Operations. Both managers will report to the Vice President-Nuclear Operations. The Manager-Nuclear Operations and Maintenance has responsibility for the supervision of the Nuclear Station Managers. Both Nuclear Station Managers and the Director-Operation and Maintenance Services report to the Manager-Nuclear Operations and Maintenance. The Section Supervisor-Training, the Section Supervisor-Operation and Maintenance Support, and the Section Supervisor - Administrative Services will report to the Director-Operation and Maintenance Services. Reporting to the Manager-Nuclear Technical Services are the Director-Chemistry and Health Physics, the Director-Technical Analysis and Control, and the Director-Safety Evaluation and Control.

The August 28, 1980 submittal (Serial No. 732) proposed the transfer of the independent review responsibility from the existing System Nuclear Safety and Operating Committee(SyNSOC) to the Safety Evaluation and Control (SEC) staff and proposed the transfer of the System Nuclear Safety and Operating Committee audit responsibility to the Quality Assurance Department.

The Safety Evaluation and Control staff will be composed of a Director and a minimum of three staff members qualified to perform independent reviews. The Director-Safety Evaluation and Control will report to the Manager-Nuclear Technical Services, who will advise the Vice President-Nuclear Operations on the activities of the Safety Evaluation and Control staff. This organizational structure will assure that sufficient attention is directed towards examination and evaluation of safety concerns and that management is cognizant of the results of these Safety Evaluation and Control staff reviews.

The Safety Evaluation and Control staff will provide the independent reviews of station operational activities required by ANSI N18.7-1976/ANS 3.2 (Administrative Controls and Quality Assurance Program for Operational Nuclear Power Plants), which are presently provided by the System Nuclear Safety and Operating Committee. The advantages of this proposed change are threefold.

First, the Safety Evaluation and Control staff is composed of individuals with direct nuclear experience in their respective technical disciplines. Presently, Safety Evaluation and Control staff specialists meet or exceed the criteria proposed in Technical Specification 6.1.C.2.b. The proposed requirement in Specification 6.1.C.2.b exceeds the criteria for review "staff specialists" established in ANSI N18.1-1971/ANS 3.1-1978 (Standard For Selection and Training of Personnel for Nuclear Power Plants) and meets the present qualification position of the Commission. Additionally, the Director-Safety Evaluation and Control exceeds the criteria established by ANSI N18.1-1971/ANS 3.1-1978 for the Supervisor of an independent review staff. Future Safety Evaluation and Control staff members may not meet the qualification criteria for "staff specialists" positions; however, such individuals will not be directly responsible for the independent review function of Safety Evaluation and Control.

Secondly, the independent reviews of station operational activities by the Safety Evaluation and Control staff will be performed on a continuous basis as part of their routine responsibilities. This is in contrast to an intermittent or scheduled review committee approach; therefore, the Safety Evaluation and Control reviews will be responsive to station time constraints while also providing a more comprehensive review of items presently processed by the System Nuclear Safety and Operating Committee.

Finally, other Safety Evaluation and Control staff routine responsibilities require continuous review of industry-wide operational experience, technical information, and regulatory issues. This effort should maintain a high level of "state-of-the-art" expertise within Safety Evaluation and Control regarding operational activities and general industry concerns. It is anticipated that the Safety Evaluation and Control staff will provide the majority of the expertise necessary to perform independent review activities; however, technical consultants and in-house specialists will be utilized for special concerns when Safety Evaluation and Control review requires additional expertise.

As a result of this change, safety will be enhanced by the proposed transfer of independent review responsibilities from the System Nuclear Safety and Operating Committee to the Safety Evaluation and Control staff by upgrading the quality and timely processing of the independent reviews of station operational activities.

Specification 6.1.C.2.i for Surry Units No. 1 and No. 2 requires the performance of audits of station activities under the cognizance of the System Nuclear Safety and Operating Committee. As a result of this proposed change, the audit responsibilities outlined in Specification 6.1.C.3.a, which are presently being performed under the cognizance of the System Nuclear Safety and Operating Committee by the Quality Assurance Department, will be transferred to the Quality Assurance Department. Such a transfer will provide for appropriate organizational channels for the reporting of audit results, ensure the availability of appropriate technical expertise for the performance of these audits, and ensure that these audits are performed in an effective and timely manner.

As a result of the reorganization of the Licensing and Quality Assurance Department, the Licensing function has been transferred to Safety Evaluation and Control and the Quality Assurance organization has been restructured. The Executive Manager-Quality Assurance will be responsible for the quality assurance effort encompassing the areas of engineering, construction, and operational activities of both the fossil and the nuclear stations. He will also be responsible for the area of corporate emergency response planning and implementation. The Executive Manager-Quality Assurance will report to the Senior Vice President-Power Operations. The Manager-Quality Assurance, Operations will be responsible for implementing quality assurance programs which are related to the operational activities of the fossil and nuclear power stations. He will report to the Executive Manager-Quality Assurance. The Director-Quality Assurance, Nuclear Operations will be responsible for the implementation of quality assurance programs which are related to the operational activities associated with the nuclear power stations. He will report to the Manager-Quality Assurance, Operations.

The organization charts for the Appendix "A" Technical Specifications for Surry have been revised to reflect the restructuring of the Quality Assurance Department and changes to other organization titles. The previous title of Executive Manager-Licensing and Quality Assurance has been revised to Executive Manager-Quality Assurance. In addition, the positions of Manager-Quality Assurance, Operations and Director-Quality Assurance, Nuclear Operations are shown on the organization chart.

Technical Specification Figure 6.1-2 has been revised to show the new structure of the Surry Power Station organization. Figure 6.1-3, which previously provided this information, has been deleted. As explained above, the Station Manager reports to the Manager-Nuclear Operations and Maintenance. Our August 4, 1980 submittal (Serial No. 671) proposes revising Section 6.0 to add the new position of Assistant Station Manager to the Surry Power Station organization. The Assistant Station Manager will be directly responsible for the safe operation and maintenance of the power station. He will serve in a coordinating capacity to the Station Manager for the off-site activities of the Station. During the absence of the Station Manager, the Assistant Manager will act as the Station Manager. The Assistant Station Manager will also be the Vice Chairman of the Station Nuclear Safety and Operating Committee (SNSOC). The Superintendent-Operations, the Superintendent-Maintenance, and the Superintendent-Technical Services will report to the Assistant Station Manager. All three of these superintendents will remain members of the SNSOC.

The positions of Operating Supervisor and Auxiliary Operator have been eliminated from the organization chart. In addition, the position title of Assistant Control Room Operator has been revised to Control Room Operator Trainee. The positions of Maintenance Coordinator and Mechanical Supervisor have been replaced on the station organization chart by the position of Supervisor-Mechanical Maintenance. Both the Maintenance Coordinator and the Mechanical Supervisor report to the Supervisor-Mechanical Maintenance. Other title changes made to the organization chart include the change of Supervisor-Safety Engineering to Engineering Supervisor (Safety Engineering), the change of Engineering Supervisor to Engineering Supervisors to reflect the two positions of Engineering Supervisor-Performance and Tests and Engineering Supervisor-Design Changes and Projects and, the change of Training Supervisor to Supervisor-Nuclear Training. The Supervisor-Health Physics position has been shifted such that he will now report directly to the Station Manager instead of reporting to the Superintendent-Technical Services. The positions of Supervisor-Nuclear Training and Supervisor-Administrative Services will also report to the Station Manager.

An appraisal of the North Anna health physics program was conducted by the NRC office of Inspection and Enforcement during the period of May 5-16, 1980. The results of this appraisal were forwarded in a letter to Mr. J. H. Ferguson dated September 15, 1980 (Serial No. 787). One of the NRC recommendations resulting from the program review is that the Supervisor-Health Physics be added as a member of the Station Nuclear Safety and Operating Committee (SNSOC). The Supervisor-Health Physics was previously a member of the SNSOC; however, he was deleted as a required SNSOC member as a result of Proposed Technical Specification Change No. 71, which was approved and issued by the NRC as Amendment No. 53 and No. 52 for Surry Unit 1 and Unit 2 respectively.

In order to address this concern, the proposed change is to reinstate the Supervisor-Health Physics as a member of the SNSOC. Since many operations at the station involve the health physics group in some capacity, the addition of the Supervisor-Health Physics will improve the quality of SNSOC reviews by adequately appraising the impact of radiation safety on station activities.

The proposed changes to the Administrative Controls Section of the Technical Specification formalizes the licensee's new corporate and plant organization. Based on our review, we conclude that the licensee's new organization is acceptable.

We also conclude that the Safety Evaluation and Control group will provide timely processing of the independent reviews of station operational activities.

The proposed Technical Specification Changes incorporate TMI-2 Lessons Learned Category A changes, which were submitted by letter dated November 14, 1980. These changes revised the minimum shift crew manning table and incorporated requirements related to the Shift Technical Advisor.

We have reviewed the Technical Specifications regarding shift crew manning and conclude that the license has established the minimum crew staffing as delineated in NRC letter dated July 31, 1980. A Shift Technical Advisor is also added as requested by NRC letter dated July 5, 1980. We find these changes acceptable.

#### 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: May 22, 1981

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. 69 to Facility Operating License No. DPR-32 and Amendment No. 69 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 within 7 days of the date of issuance.

The amendments consist of changes to the Technical Specifications which revise the Administrative Controls, Section 6. The changes reflect corporate and plant reorganizations including the addition of an Assistant Station Manager, establishment of a Safety Evaluation and Control group to replace the System Nuclear Safety and Operating Committee and the addition of a Shift Technical Advisor.

The applications for the amendments comply 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

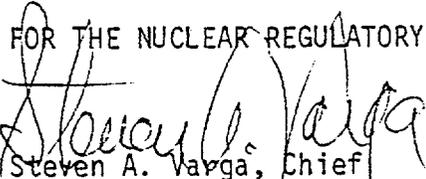
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public notice of these amendments was not required since these amendments do not involve a significant hazards consideration.

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

For further details with respect to this action, see (1) the applications for amendments dated March 31, August 28, and November 14, 1980, as supplemented August 4, 1980 and February 23, 1981, (2) Amendment Nos. 69 and 69 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, N.W., 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 22nd day of May, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION  
  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing