

Docket No. 50-324

July 14, 1976

Carolina Power & Light Company
ATTN: Mr. J. A. Jones
Executive Vice President
336 Fayetteville Street
Raleigh, North Carolina 27602

Gentlemen:

The Commission has issued the enclosed Amendment No. 19 to Facility Operating License No. DPR-62 for the Brunswick Steam Electric Plant Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your request dated June 8, 1976.

This amendment makes revisions in the plant organization and the Plant Nuclear Safety Committee, and changes the title of the corporate Special Services Department to the Technical Services Department.

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

Sincerely,

Original signed by

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosures:

1. Amendment No. 19 to DPR-62
2. Safety Evaluation
3. Federal Register Notice

cc w/enclosures:
See next page

DISTRIBUTION

Docket File (50-324)

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| OFFICE x27433 | ORB#1 CMTrammell:dc | OELD Mitchell | ORB#1 ASchwencer | | | |
| SURNAME | | | | | | |
| DATE 7/6/76 | | 7/12/76 | 7/14/76 | | | |

July 14, 1976

cc w/enclosures:

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

CAROLINA POWER & LIGHT COMPANY

DOCKET NO. 50-324

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 19
License No. DPR-62

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Carolina Power & Light Company (the licensee) dated June 8, 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 changes 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 "A. Schwencer".

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 14, 1976



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 19 TO LICENSE NO. DPR-62

CAROLINA POWER & LIGHT COMPANY

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2

DOCKET NO. 50-324

Introduction

By letter dated June 8, 1976, Carolina Power & Light Company (the licensee) requested changes in the Technical Specifications appended to Facility License No. DPR-62 for operation of the Brunswick Steam Electric Plant Unit No. 2 (BSEP-2) located in Brunswick County, North Carolina. The proposed changes, which are administrative in nature, would make revisions in the plant organization and the on-site review committee, and would change the title of the corporate Special Services Department to Technical Services Department.

Discussion

Under the present organizational structure, the Plant Manager has four department heads reporting to him: a QA Supervisor, an Environmental & Radiation Control Supervisor, a Plant Superintendent, and an Administrative Supervisor. The Plant Superintendent is assisted by an Operating Supervisor, an Engineering Supervisor, and a Maintenance Supervisor.

The proposed organization would change the name of the Plant Superintendent to Operations-Maintenance Superintendent, with the Operations Supervisor and the Maintenance Supervisor reporting to him. In addition, a new position, Technical-Administrative Superintendent, would be established with the Administrative Supervisor, Engineering Supervisor, and the Environmental & Radiation Control Supervisor all reporting to him.

The proposed revision to the on-site Plant Nuclear Safety Committee would reflect these organizational changes by adding the Technical-Administrative Superintendent as a Vice Chairman, changing the title of the other Vice Chairman from Plant Superintendent to the new title of Operations-Maintenance Superintendent, and changing the status of the Operations Supervisor from Vice Chairman to member.

The proposed change to the Special Services Department would rename this department the Technical Services Department.

Evaluation

The licensee states that the proposed revised plant organization will permit more effective administration of an increased plant staff and will make possible more efficient operations (a second unit is scheduled for operation later this year). We have reviewed the proposed changes and find that the revised organization continues to meet the recommendations of Regulatory Guide 1.33, "Quality Assurance Program Requirements," which endorses proposed standard ANS 3.2 and has been subsequently issued as ANSI N18.7-1972, "Standard for Administrative Controls for Nuclear Power Plants." The qualifications with regard to educational background and experience of key supervisory and professional personnel will continue to meet or exceed the recommendations of ANSI N18.1-1971, "Selection and Training of Nuclear Power Plant Personnel." We, therefore, find the proposed organizational change acceptable.

The proposed changes to the Plant Nuclear Safety Committee reflect the organizational changes discussed above, do not alter the functions or operations of the Committee, and are acceptable.

The proposed change to the title of the Special Services Department to the Technical Services Department is a renaming only and does not affect the function of the Manager, Corporate Quality Assurance Audit Section, or the Manager, Corporate Nuclear Safety Section, who would both now report to the Manager, Technical Services Department. We, therefore, find the proposed change 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 Section 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: July 14, 1976

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 19 TO FACILITY LICENSE NO. DPR-62

DOCKET NO. 50-324

1. Revise Appendix A as follows:

Remove the following pages and replace with the following identically numbered revised pages.

6.5-1

6.5-4

6.5-7

6.5-8

Figure 6.2-1

Figure 6.2-3

Figure 6.5-1

2. Revise Appendix B as follows:

Remove Figure 5.1-1 and replace with revised Figure 5.1-1.

6.5 Review and Audit

Organizational units for the review and audit of plant operations shall be constituted and have the responsibilities and authorities outlined below:

6.5.1 Plant Nuclear Safety Committee (PNSC)

6.5.1.1 Purpose

As an effective means for regular review, evaluation, and maintenance of plant operational safety, a Plant Nuclear Safety Committee (PNSC) will be established during the preoperational test period prior to fuel loading of the first unit. The committee will be chaired by the Plant Manager and composed of plant supervisory personnel. The organization of this committee is shown on Figure 6.5-1.

6.5.1.2 Composition

The Plant Nuclear Safety Committee shall be composed of the following:

- | | |
|--------------------|---|
| (a) Chairman: | Plant Manager |
| (b) Vice Chairmen: | Operations and Maintenance Superintendent or Technical and Administrative Superintendent |
| (c) Secretary: | Administrative Supervisor |
| (d) | Engineering Supervisor |
| (e) | Maintenance Supervisor |
| (f) | Environmental and Radiation Control Supervisor |
| (g) | Quality Assurance Supervisor |
| (h) | Operations Supervisor |

Minimum qualifications of members of the Plant Nuclear Safety Committee with regard to educational background and experience shall meet or exceed the criteria included in ANSI N18.1-1971, "Selection and Training of Nuclear Power Plant Personnel" for similar supervisory positions.

6.5.2 Independent Off-Site Safety Review Program

Activities occurring during plant operations shall be independently reviewed as specified in succeeding paragraphs.

6.5.2.1 Purpose

The purpose of the independent off-site safety review program is to review significant plant changes, tests, and procedures; verify that reportable occurrences are promptly investigated and corrected in a manner which reduces the probability of recurrence of such events; and detect trends which may not be apparent to a day-to-day observer.

6.5.2.2 Responsibility

The Manager - Corporate Nuclear Safety under the Department Manager - Technical Services Department is charged with the overall responsibility for administering the independent off-site nuclear safety review program as follows:

- a. Approves selection of the person or persons to conduct off-site safety reviews.
- b. Has access to the plant operating records and operating personnel in performing the independent reviews.
- c. Prepares and retains written records of reviews.
- d. Assures independent safety review is conducted on all items required by Section 6.5.2.4.
- e. Distributes reports and other records to appropriate managers.

6.5.2.3 Personnel

- a. Personnel assigned responsibility for independent reviews shall be specified in technical disciplines, and shall collectively have the experience and competence required to review problems in the following areas:
 1. Nuclear power plant operations
 2. Nuclear engineering
 3. Chemistry and radiochemistry
 4. Metallurgy
 5. Instrumentation and control
 6. Radiological safety

Engineering, Construction & Operation Group; Department Head - Bulk Power Supply; Department Head - Technical Services; Plant Manager and others, as appropriate on at least a bi-monthly frequency.

- 6.5.2.6 The Corporate Nuclear Safety Section review program shall be conducted in accordance with written, approved procedures.

6.5.3 Independent Off-Site Quality Assurance Audit Program

6.5.3.1 Purpose

Audits of activities shall be performed under the cognizance of the Corporate Quality Assurance Audit (CQAA) Section. These audits shall encompass:

- a. The conformance of facility operation to all provisions contained within the Technical Specifications and applicable license conditions at least once per year.
- b. The training and qualifications of the entire facility staff at least once per year.
- c. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems, or method of operation that affect nuclear safety at least once per six months.
- d. The verification of compliance and implementation of the requirements of the Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per two years.
- e. The Emergency Plan and implementing procedures at least once per two years.
- f. The Security Plan and implementing procedures at least once per two years.
- g. Any other area of facility operation considered appropriate by the Corporate Quality Assurance Audit Section or the Vice President - Bulk Power Supply Department.

6.5.3.2 Responsibility

The Manager - Corporate Quality Assurance Audit is charged with the overall responsibility for the corporate quality assurance audit program as follows:

- a. Selects auditors and
- b. Has access to records and personnel necessary in performing the audits.

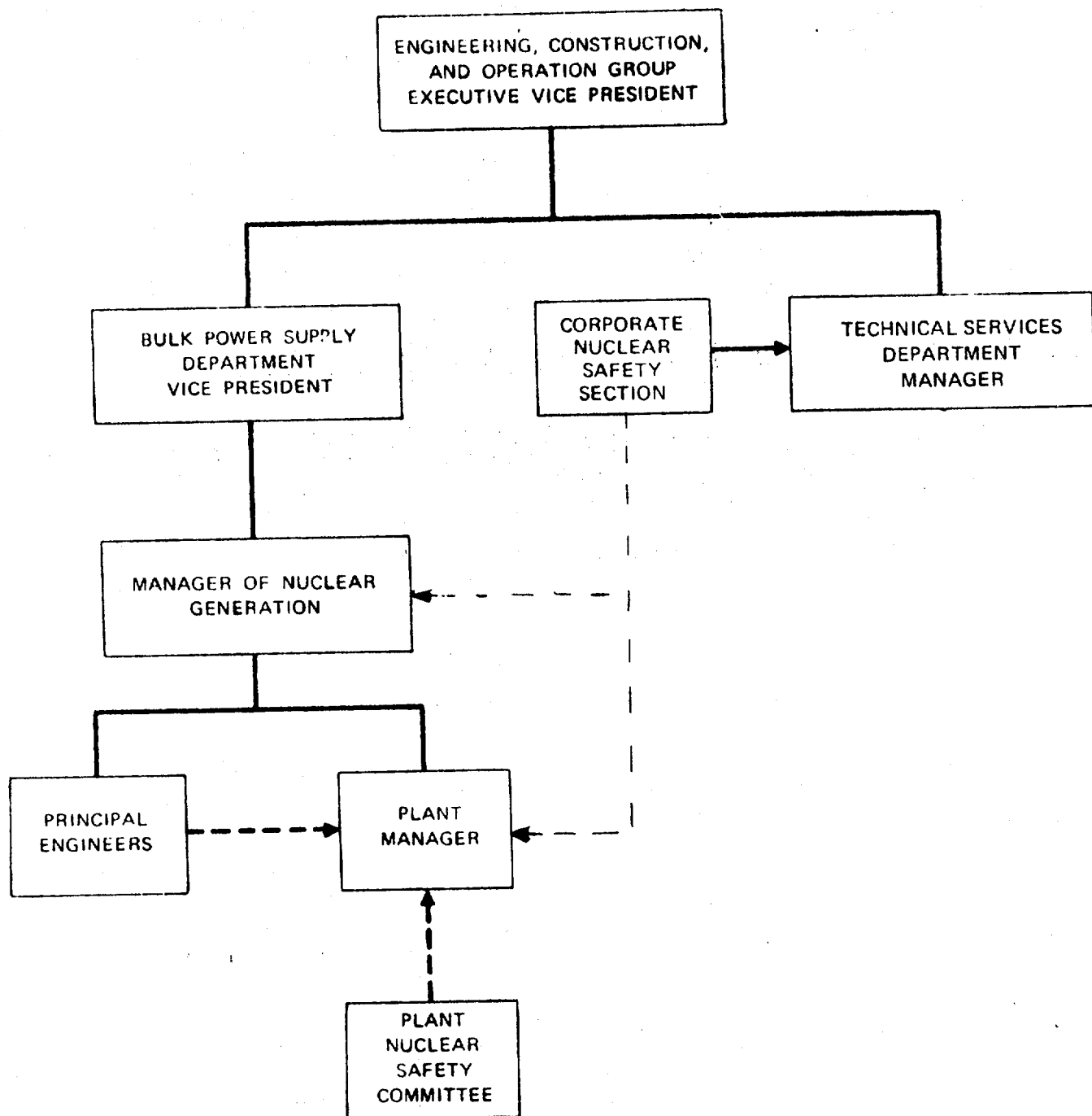
6.5.3.3 Personnel

- a. Audit personnel will be independent of the area audited. Selection for auditing assignments is based on experience or training which establishes that their qualifications are commensurate with the complexity or special nature of the activities to be audited. In selecting auditing personnel, consideration will be given to special abilities, specialized technical training, prior pertinent experience, personal characteristics, and education.
- b. Qualified outside consultants or other individuals independent from those personnel directly involved in plant operation, but within the EC&O Group will be used to augment the audit teams when necessary.

6.5.3.4 Reports

Results of audit are approved by the Manager - Corporate Quality Assurance Audit and transmitted directly to the Company President and the Group Executive - Engineering, Construction & Operation Group, as well as, to the Department Head - Bulk Power Supply, Department Head - Technical Services, and others, as appropriate within 30 days after the completion of the audit.

- 6.5.3.5 The corporate quality assurance audit program shall be conducted in accordance with written, approved procedures.



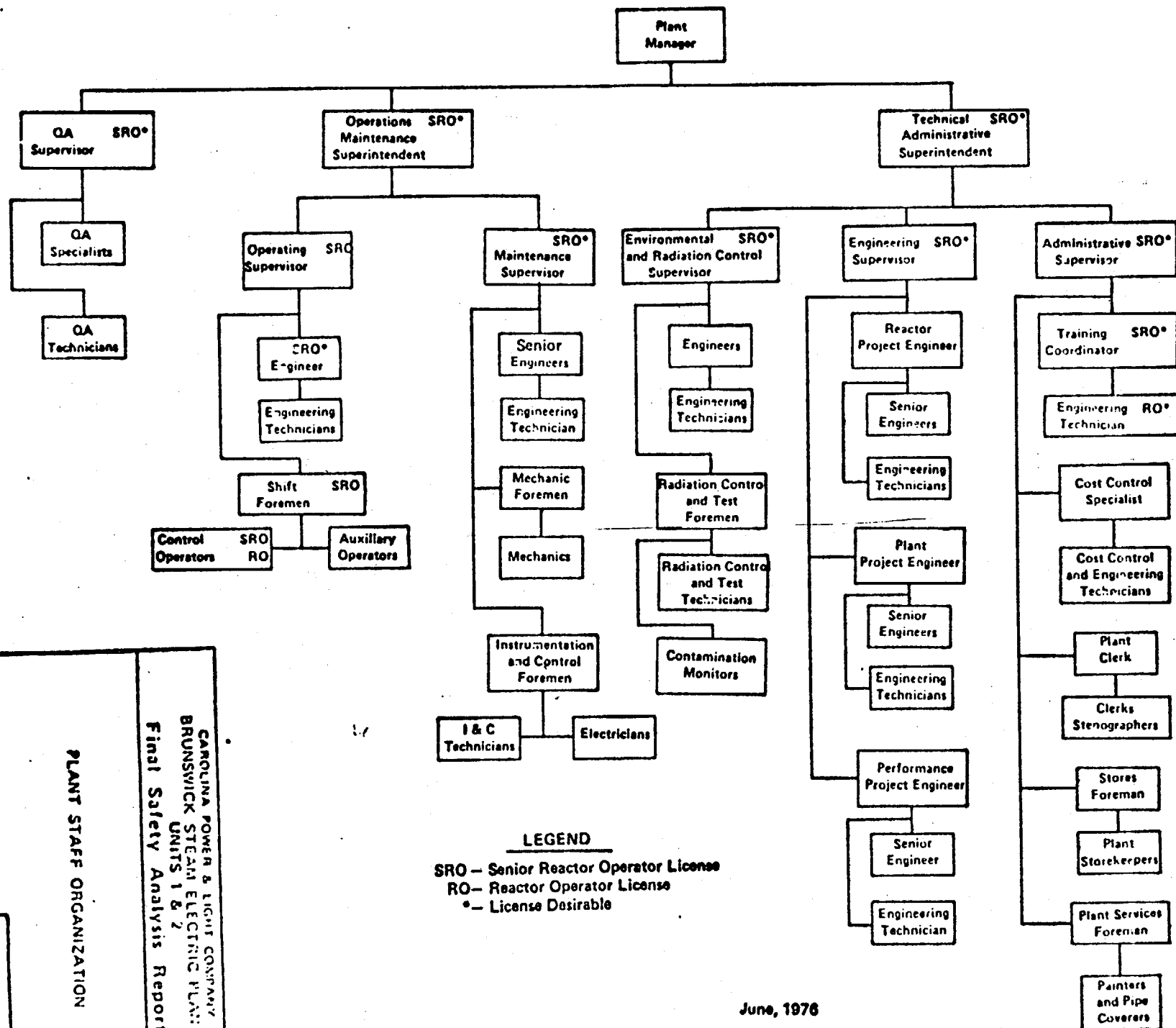
CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT
UNITS 1 & 2
Final Safety Analysis Report

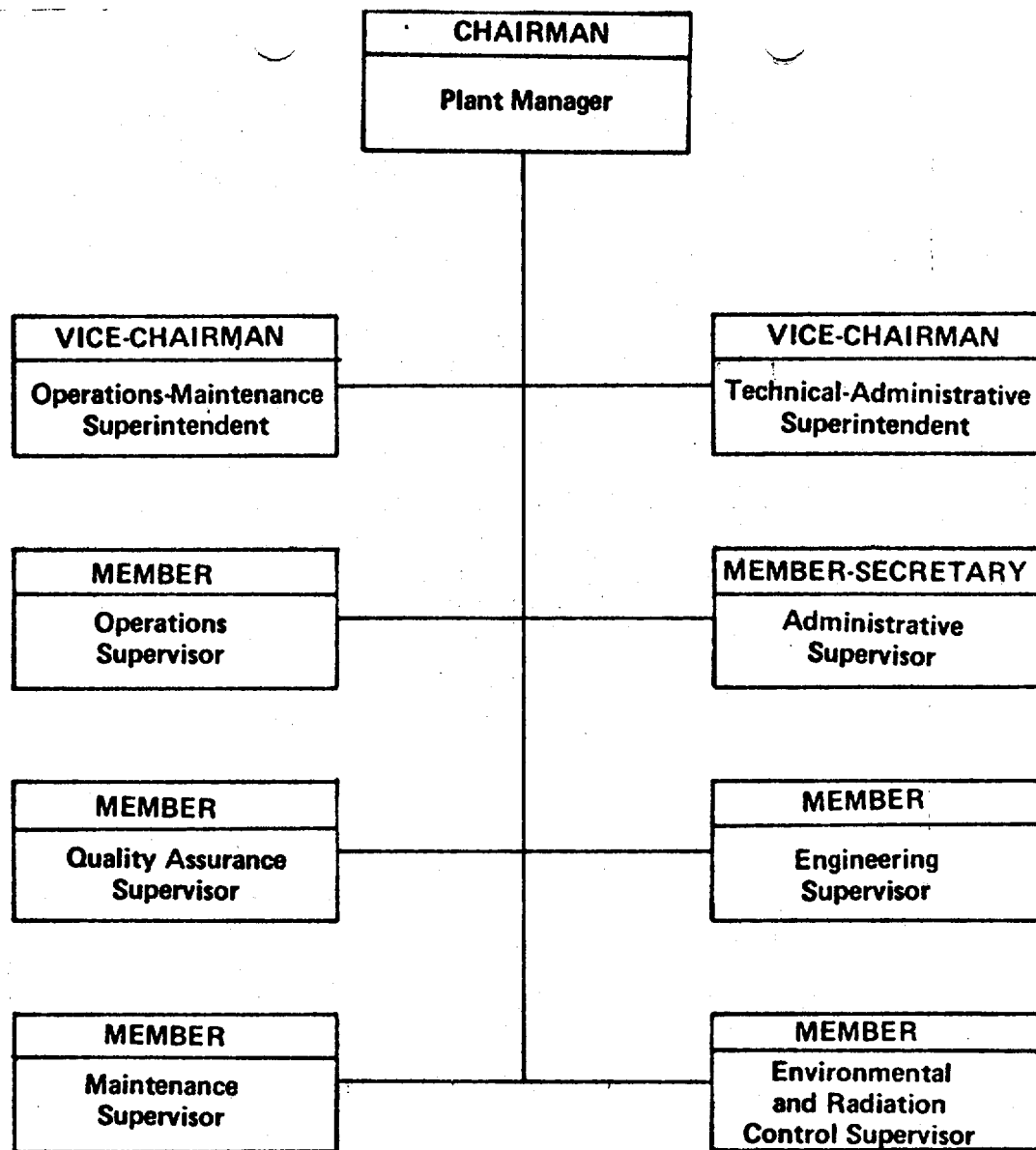
MANAGEMENT ORGANIZATION CHART

FIG. NO.

6.2-1

| | | | |
|----------|------|--------------------------|---|
| FIG. NO. | 67-3 | PLANT STAFF ORGANIZATION | CAROLINA POWER & LIGHT COMPANY BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 & 2 Final Safety Analysis Report |
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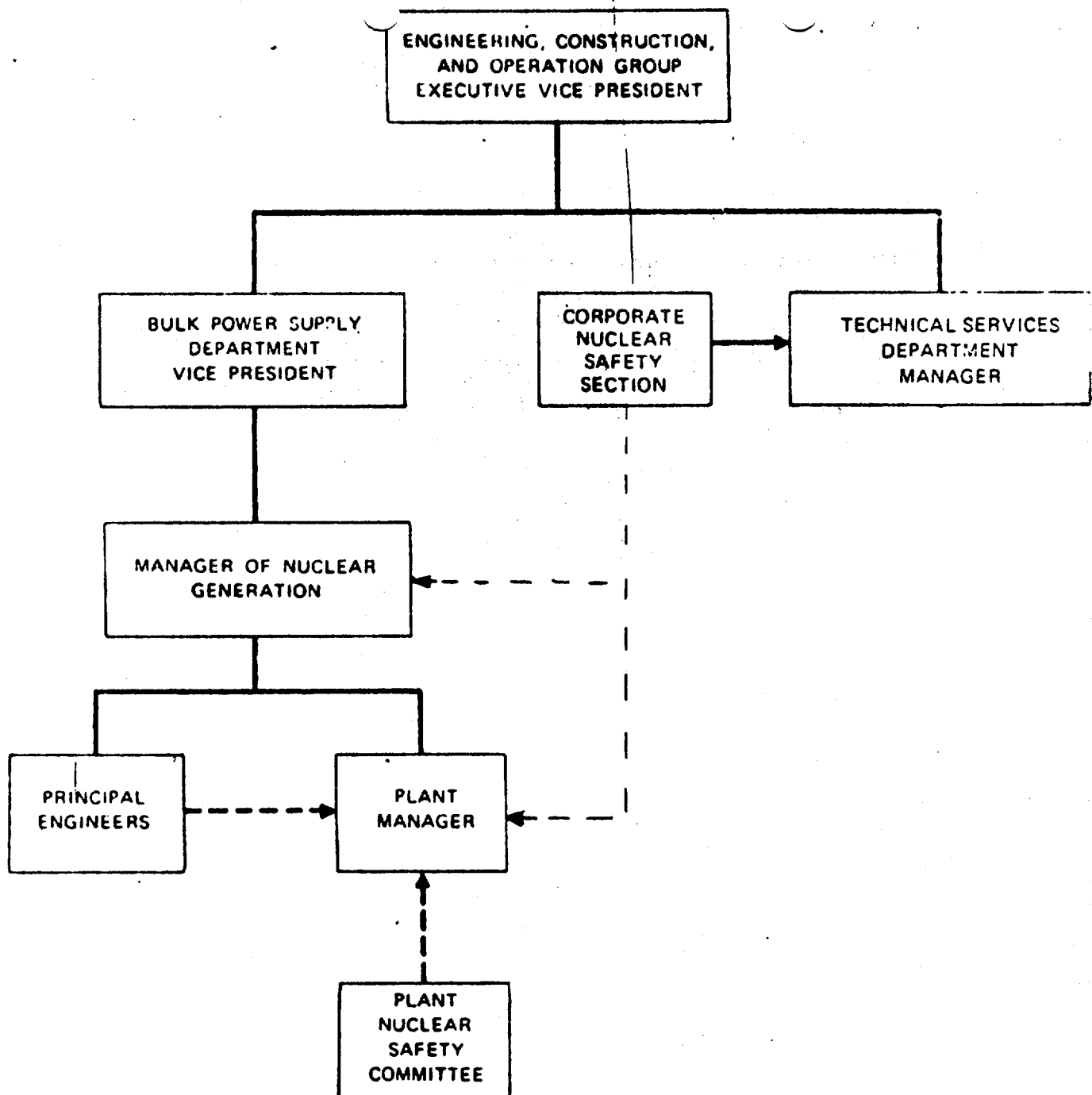


NOTES:

- (1) ANY THREE MEMBERS OR DESIGNATED ALTERNATE PLUS CHAIRMAN OR VICE-CHAIRMAN CONSTITUTES A QUORUM
- (2) MEETINGS HELD AT LEAST ONCE A MONTH

JUNE, 1976

| | |
|---|-------|
| CAROLINA POWER & LIGHT COMPANY BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 & 2 Final Safety Analysis Report | |
| ORGANIZATION OF PLANT NUCLEAR SAFETY COMMITTEE | |
| FIG. NO. | 6.5-1 |



| | |
|---|-------|
| CAROLINA POWER & LIGHT COMPANY BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 & 2 Final Safety Analysis Report | |
| MANAGEMENT ORGANIZATION CHART | |
| FIG. NO. | 5.1-1 |

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-324

CAROLINA POWER & LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 19 to Facility Operating License No. DPR-62, issued to Carolina Power & Light Company (the licensee), which revised Technical Specifications for operation of the Brunswick Steam Electric Plant, Unit No. 2 (the facility), located in Brunswick County, North Carolina. The amendment is effective as of its date of issuance.

This amendment makes revisions in the plant organization and the Plant Nuclear Safety Committee, and changes the title of the corporate Special Services Department to the Technical Services Department.

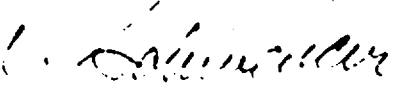
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment 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 this amendment.

For further details with respect to this action, see (1) the application for amendment dated June 8, 1976, (2) Amendment No. 19 to License No. DPR-62, and (3) the Commission's 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. 20555, and at the Southport Brunswick County Library, 109 West Moore Street, Southport, North Carolina 28461. 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 14th day of July, 1976.

FOR THE NUCLEAR REGULATORY COMMISSION


A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors