



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

PORTLAND GENERAL ELECTRIC COMPANY

THE CITY OF EUGENE, OREGON

PACIFIC POWER AND LIGHT COMPANY

DOCKET NO. 50-344

TROJAN NUCLEAR PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 52
License No. NPF-1

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Portland General Electric Company, the City of Eugene, Oregon, and Pacific Power and Light Company (the licensee) dated September 30, 1980, 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.

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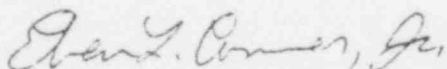
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating Licensing No. NPF-1 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 52, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, except as noted in paragraphs 2.C.(10) through 2.C.(12) below.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Eben L. Conner, Acting Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 28, 1980

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 52 TO FACILITY OPERATING LICENSE NO. NPF-1

DOCKET NO. 50-344

Revise Appendix A as follows:

Remove Pages

6-2
6-7
6-8
6-9
6-11
6-12
6-13

Insert Pages

6-2
6-7
6-8
6-9
6-11
6-12
6-13

Revise Appendix B as follows:

Remove Pages

5-1
5-2
5-3

5-8
Fig. 5.1

Insert Pages

5-1
5-2
5-3
5-3a
5-8
Fig. 5.1

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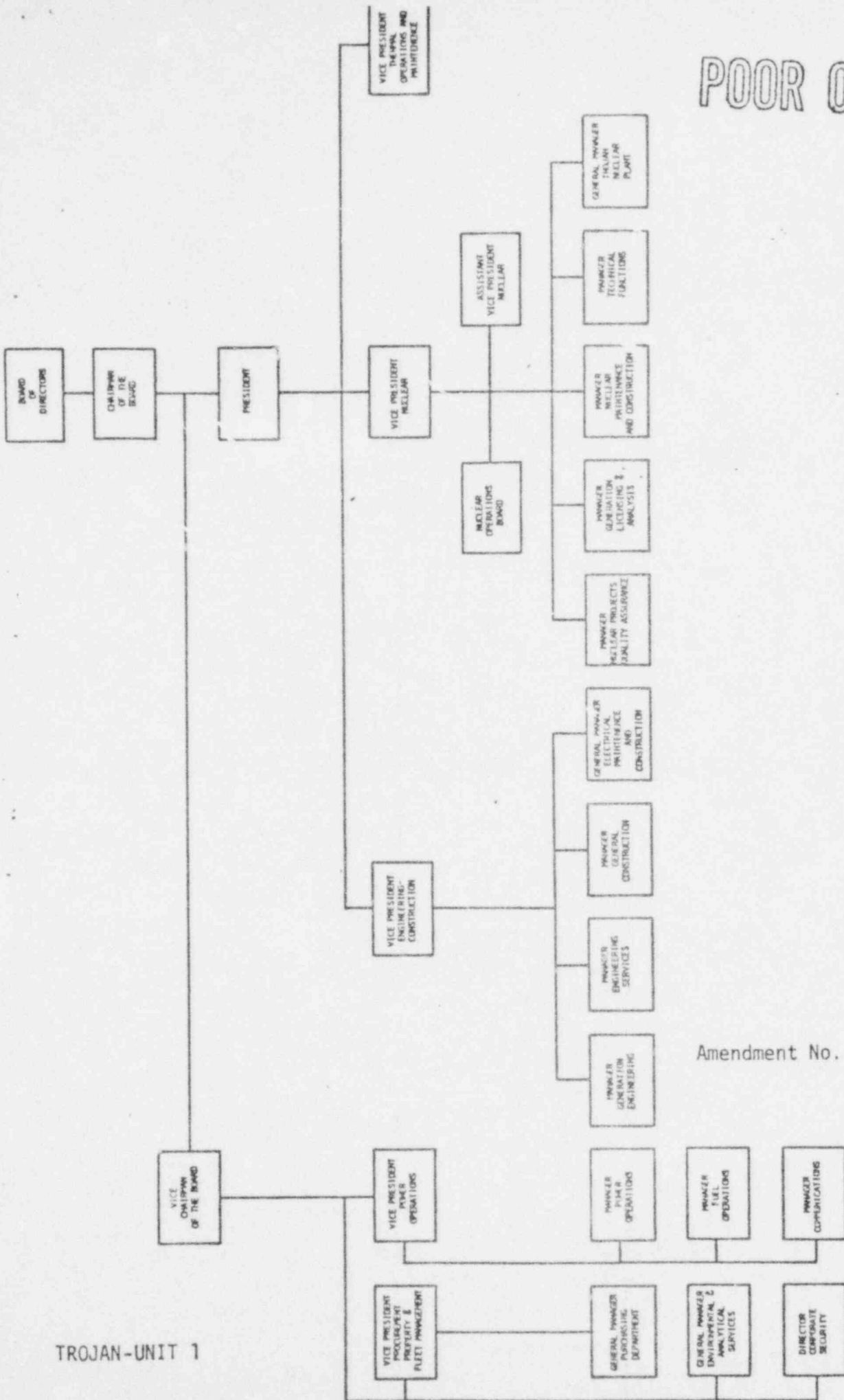


Figure 6.2-1 Offsite Organization

Amendment No. 52

TROJAN-UNIT 1

ADMINISTRATIVE CONTROLS

- c. Review of all proposed changes to Appendix "A" Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e. Investigation of all violations of the Technical Specifications including the preparation and forwarding of reports covering evaluation and recommendations to prevent recurrence to the Vice President Nuclear and to the Chairman of the Nuclear Operations Board.
- f. Review of those REPORTABLE OCCURRENCES requiring 24 hour notification to the Commission.
- g. Review of facility operations to detect potential safety hazards.
- h. Performance of special reviews, investigations or analyses and reports thereon as requested by the Chairman of the Nuclear Operations Board.
- i. Review of the Plant Security Plan and implementing procedures and shall submit recommended changes to Chairman of the Nuclear Operations Board.
- j. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairman of the Nuclear Operations Board.

AUTHORITY

6.5.1.7 The Plant Review Board shall:

- a. Recommend to the General Manager written approval or disapproval of items considered under 6.5.1.6(a) through (d) above.
- b. Render determinations in writing with regard to whether or not each item considered under 6.5.1.6(a) through (e) constitutes an unreviewed safety question.
- c. Provide written notification within 24 hours to the Vice President Nuclear and the Nuclear Operations Board of disagreement between the PRB and the General Manager; however, the General Manager shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

ADMINISTRATIVE CONTROLS

RECORDS

6.5.1.8 The Plant Review Board shall maintain written minutes of each meeting and copies shall be provided to the Vice President Nuclear and Chairman of the Nuclear Operations Board.

6.5.2 NUCLEAR OPERATIONS BOARD (NOB)

FUNCTION

6.5.2.1 The Nuclear Operations Board shall function to provide independent review and audit of designated activities in the areas of:

- a. nuclear power plant operations
- b. nuclear engineering
- c. chemistry and radiochemistry
- d. metallurgy
- e. instrumentation and control
- f. radiological safety
- g. mechanical and electrical engineering
- h. quality assurance practices

ADMINISTRATIVE CONTROLS

COMPOSITION

6.5.2.2 The NOB shall be composed of the:

| | |
|-----------|---------------------------------------|
| Chairman: | Assistant Vice President Nuclear |
| Member: | Designated Mechanical Engineer |
| Member: | Designated Electrical Engineer |
| Member: | Designated Nuclear Engineer |
| Member: | Designated Quality Assurance Engineer |
| Member: | Designated Physical Scientist |
| Member: | Health Physicist |

Designated members shall be appointed in writing by the Vice President Nuclear. Designated members (and alternates) shall have an academic degree in an engineering or science field and in addition shall have a minimum of 5 years technical experience of which a minimum of 3 years shall be in one or more areas given above.

ALTERNATES

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

CONSULTANTS

6.5.2.4 Consultants shall be utilized as determined by the NOB Chairman to provide expert advice to the NOB.

MEETING FREQUENCY

6.5.2.5 The NOB shall meet at least once per calendar quarter during the initial year of facility operation following fuel loading and at least once per six months thereafter.

QUORUM

6.5.2.6 A quorum of NOB shall consist of the Chairman or his designated alternate and at least three members including alternates. No more than a minority of the quorum shall have line responsibility for operation of the facility

ADMINISTRATIVE CONTROLS

AUDITS

6.5.2.8 Audits of facility activities shall be performed under the cognizance of the NOB. 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 12 months.
- b. The performance, training and qualifications of the entire facility staff at least once per 12 months.
- c. The results of all actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least once per 6 months.
- d. The performance of all activities required by the Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per 24 months.
- e. The Facility Emergency Plan and implementing procedures at least once per 24 months.
- f. The Facility Security Plan and implementing procedures at least once per 24 months.
- g. Any other area of facility operation considered appropriate by the NOB or the Vice President Nuclear.
- h. The Facility Fire Protection Program and implementing procedures at least once per 24 months.
- i. 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.
- j. 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.

AUTHORITY

6.5.2.9 The NOB shall report to and advise the Vice President Nuclear on those areas of responsibility specified in Sections 6.5.2.7 and 6.5.2.8.

ADMINISTRATIVE CONTROLS

RECORDS

6.5.2.10 Records of NOB activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each NOB meeting shall be prepared, approved and forwarded to the Vice President Nuclear within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 6.5.2.7 above, shall be prepared, approved and forwarded to the Vice President Nuclear within 14 days following completion of the review.
- c. Audit reports encompassed by Section 6.5.2.8 above, shall be forwarded to the Vice President Nuclear and to the management positions responsible for the areas audited within 30 days after completion of the audit.

6.6 REPORTABLE OCCURRENCE ACTION

6.6.1 The following actions shall be taken for REPORTABLE OCCURRENCES:

- a. The Commission shall be notified and/or a report submitted pursuant to the requirements of Specification 6.9.
- b. Each REPORTABLE OCCURRENCE requiring 24 hour notification to the Commission shall be reviewed by the PRB and submitted to the NOB and the Vice President Nuclear.

ADMINISTRATIVE CONTROLS

6.7 SAFETY LIMIT VIOLATION

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

- a. The facility shall be placed in at least HOT STANDBY within one hour.
- b. The Safety Limit violation shall be reported to the Commission, the Vice President Nuclear and to the NOB within 24 hours.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PRB. 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.
- d. The Safety Limit Violation Report shall be submitted to the Commission, the NOB and the Vice President Nuclear within 14 days of the violation.

6.8 PROCEDURES

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, November, 1972.
- b. Refueling operations.
- c. Surveillance and test activities of safety related equipment.
- d. Security Plan implementation.
- e. Radiological Emergency Response Plan implementation.
- f. Fire Protection Program implementation.

6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PRB and approved by the General Manager prior to implementation and reviewed periodically as set forth in administrative procedures.

5.0 ADMINISTRATIVE CONTROLS

5.1 Organization, Review and Audit

5.1.1 Specification

5.1.1.1 Organization

5.1.1.1.1 Management Organization

The Plant General Manager shall be responsible for the safe operation of the facility. The Plant General Manager shall report to the Vice President Nuclear. The relationship between these individuals and other levels of Company management is shown in Figure 5-1.

5.1.1.1.2 Plant Organization

The plant organization necessary to assure operation of the plant in a safe manner shall conform to that shown in Figure 5-2. Qualifications with regard to education, experience and technical specialties of supervisory and professional personnel will meet the minimum acceptable levels described in ANSI N18.1-71, "Selection and Training of Nuclear Power Plant Personnel", dated March 8, 1971. Retraining and replacement training of these personnel shall also be in accordance with this standard.

5.1.1.1.3 Staffing

Upon initial loading of fuel in the reactor vessel, the following staffing policies will become applicable:

| <u>Condition</u> | <u>Minimum Shift Complement</u> [a] |
|-------------------------------|-------------------------------------|
| Plant Operating | 1 SS, 1 CO, 1 ACO, 3 AO |
| Plant Fueled and Shutdown [b] | 1 SS, 1 CO, 1 AO |

5.1.1.2 Review and Audit

Organization units to provide a continuing review of the environmental and safety aspects of Plant operation shall be constituted and have the authority and responsibilities outlined below.

5.1.1.2.1 Plant Review Board

The Plant Review Board is described in Appendix A.

5.1.1.2.2 Nuclear Operations Board

The Nuclear Operations Board is described in Appendix A.

5.2 ACTION TO BE TAKEN IF A LIMITING CONDITION FOR OPERATION IS EXCEEDED

5.2.1 Specification

1. Any occurrence of exceeding a limiting condition for operation shall be reported immediately to and investigated by the Plant General Manager or

[a] SS = Shift Supervisor (SL); CO = Control Room Operator (L); ACO = Assistant Control Operator (L); AO = Auxiliary Operator (no license required).

[b] When the plant is shut down undergoing refueling, one additional SL will be added to this shift complement to ensure supervision of this activity.

persons designated by him. This is an abnormal environmental occurrence.

2. The Plant Review Board shall review and prepare a separate report for each occurrence. This report shall include an evaluation of the cause of the occurrence and recommendations to prevent a recurrence.
3. The Plant General Manager or designated alternate shall forward reports and evaluations of each occurrence prepared by the Plant Review Board to the Nuclear Operations Board.
4. The Plant General Manager shall notify the Director of the Regional Regulatory Operations Office of each occurrence, by telephone and telegraph, within 24 hr. of the occurrence. A written report shall be submitted within one week of the occurrence to the Director of the Regional Inspection and Enforcement Office (copy to Director of Nuclear Reactor Regulation).

5.3 ACTION TO BE TAKEN IF ENVIRONMENTAL SURVEILLANCE
PROGRAM REPORT LEVELS ARE VIOLATED

5.3.1 Specification

1. In the event that biological report levels as described in Section 4 are reached, the Plant Review Board shall review the data and prepare a report,

including recommendations, to the Nuclear Operations Board.

2. The Plant General Manager shall notify by written report the Director of the Regional Inspection and Enforcement Office (copy to Director of Nuclear Reactor Regulation), including data summary and analysis. This report shall be submitted within 30 days of the identification of the violation.

5.4

RECORDS

- b. Request for changes in environmental technical specifications shall be submitted to the Director of Nuclear Reactor Regulation for review and authorization. The request shall include an evaluation of the impact of the change and a supporting justification.

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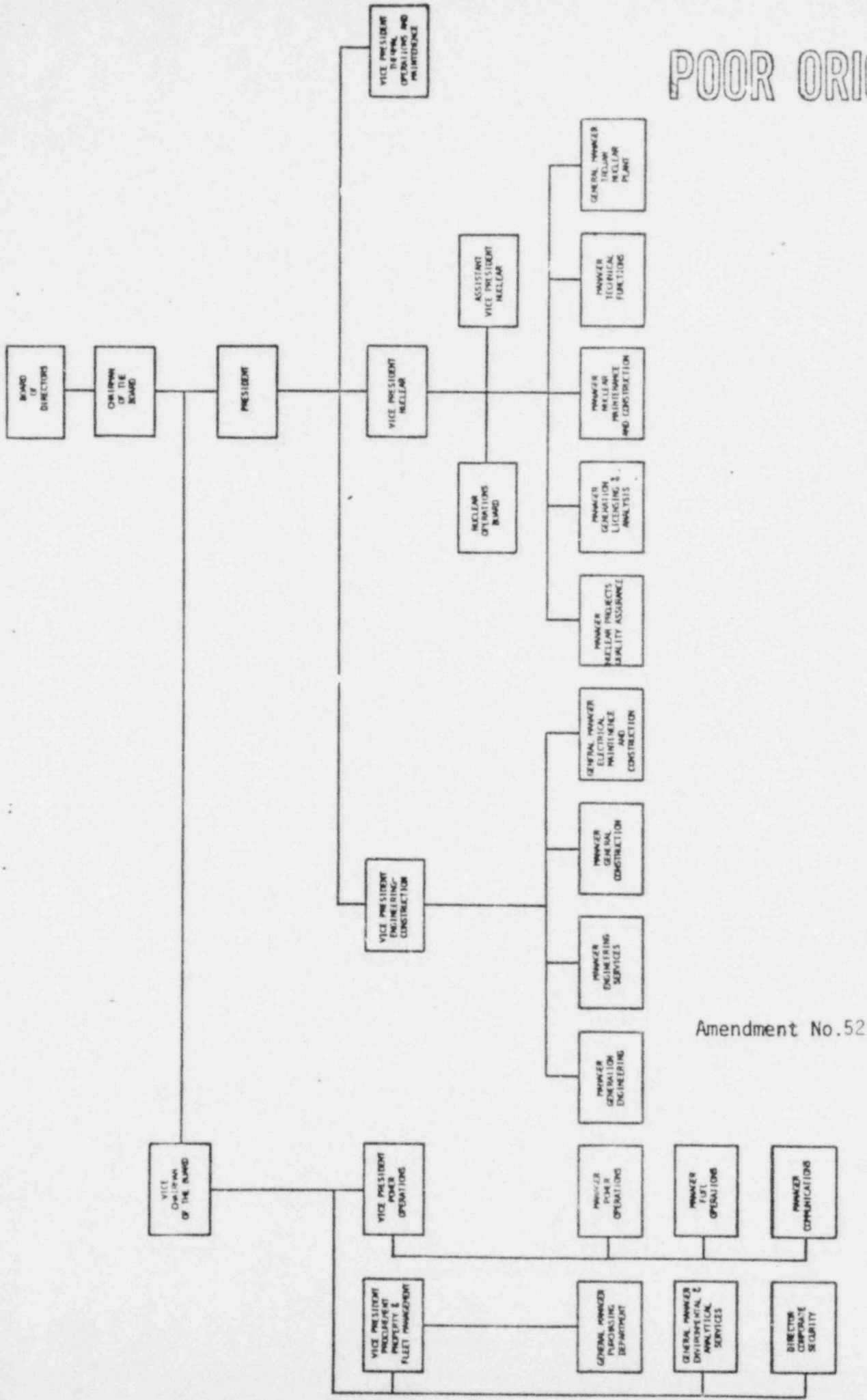


Figure 5.1 PGE Trojan Management Organization

Amendment No.52