


STATE OF COLORADO)
)
CITY AND COUNTY OF DENVER) ss.

C. K. Millen, being first duly sworn, deposes and says;
That he is Senior Vice President of Operations of Public Service
Company of Colorado, the Licensee herein; that he has read the
foregoing Application for Amendment to Appendix A of Facility
Operating License and knows the contents thereof, and that the
statements and matters set forth therein are true and correct
to the best of his knowledge, information and belief.

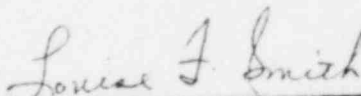


C. K. Millen

Subscribed and sworn to before me this 24th day of January, 1979.

Witness my hand and official seal.

My commission expires: APRIL 3, 1980.



Notary Public

ATTACHMENT 1

7.1 ORGANIZATION, REVIEW AND AUDIT-ADMINISTRATIVE CONTROLS

Applicability

Applies to the lines of authority and responsibility for the operational safety of the facility, and the organization for periodic review and audit of facility operation.

Objectives

To define the principal lines of authority and responsibility for providing continuing review, evaluation and improvement of the plant operational safety.

Specification AC 7.1.1 - Organization, Administrative Controls

The organization and lines of responsibility which govern plant operation shall be as follows:

- a. The Operations Manager is directly responsible for overall facility operation and shall delegate in writing this responsibility during his absence.
- b. In all matters concerning the Plant Operations Review Committee (PORC), the Administrative Services Manager will report to the Operations Manager.
- c. In all matters pertaining to operation and maintenance of the plant and to these Technical Specifications, the Operations Manager shall report to, and be directly responsible to, the Manager, Nuclear Production. The administrative and departmental management organizations are shown in Figures 7.1-1 and 7.1-2.
- d. Organization for conduct of operations of the plant is shown in Figure 7.1-3.

1. A licensed senior operator shall be present on site at all times when there is fuel in the reactor.
2. A licensed operator must be in the control room at all times when fuel is in the reactor. During reactor startup, shutdown, and recovery from reactor trip, two licensed operators must be in the control room.
3. ALL CORE ALTERATIONS after the initial fuel loading shall be 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.
4. An operator or technician qualified in radiation protection procedures shall be present at the facility at all times that there is fuel on site.

Initial staffing of the plant shall be as described in the FSAR. From beginning of fuel loading, and until such time as the startup tests and demonstration run have been completed, each operating shift shall consist of at least six persons, including (a) at least one licensed Senior Reactor Operator, (b) one licensed Reactor Operator at all times and two licensed Reactor Operators whenever the reactor is not in cold shutdown condition, and (c) one or more staff members from the NSSS vendor's staff or consultants, who, by virtue of their training and experience, can provide competent technical support for the start-up and power ascension program.

Upon commencement of commercial operation the staffing of the plant shall be in accordance with American National Standards Institute N16.1-1971, "Selection and Training of Personnel for Nuclear Power Plants".

Each member of the facility staff shall meet or exceed the minimum of qualifications of ANSI N18.1-1971 for comparable position, except for the Health Physics Supervisor who shall meet or exceed the qualifications of Regulatory Guide 1.8, September, 1975.

A retraining and replacement training program for the facility staff shall be maintained under the direction of the Training Supervisor and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix "A" of 10 CFR Part 55. Compliance with Section 5.5 of ANSI N18.1-1971 shall be achieved no later than six months following commencement of commercial operation.

Specification AC 7.1.2 - Plant Operations Review Committee (PORC),
Administrative Controls

The organization, responsibilities, and authority of the PORC shall be as follows:

a. Membership

The Plant Operations Review Committee shall be composed of the following:

Chairman: Administrative Services Manager
Operations Manager
Superintendent Operations
Health Physics Supervisor
Results Engineering Supervisor
Reactor Engineer
Technical Services Supervisor
Shift Supervisor

Superintendent Maintenance

Training Supervisor

Scheduling Supervisor

b. Alternates

Alternate members shall be appointed in writing by the PORC Chairman to serve in the absence of a member; however, no more than two alternates shall participate in PORC activities at any one time.

c. Meeting Frequency

The PORC shall meet at least once per calendar month and as convened by the Chairman.

d. Quorum

A quorum shall consist of the Chairman or alternate Chairman, and four members including alternates.

e. Responsibilities

The PORC shall be responsible for:

1. Review of all procedures required by Technical Specification 7.4(a), (b) and (c) and changes thereto, and any other proposed procedures or changes to approved procedures as determined by the Operations Manager or Administrative Services Manager to affect nuclear safety.
2. Review of all proposed tests and experiments that affect nuclear safety.
3. Review of all proposed changes to the 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 the evaluation and recommendations to prevent recurrence to

the Manager, Nuclear Production and to the Chairman of the Nuclear Facility Safety Committee.

6. Review of events requiring 24-hour notification to the Commission.
7. Review of facility operations to detect potential nuclear safety hazards.
8. Performance of special reviews, investigations and reports thereon as requested by the Chairman of the Nuclear Facility Safety Committee.
9. Review of the Plant Security Plan and implementing procedures and submittal of recommended changes to the Chairman of the Fort St. Vrain Security Committee.

f. Authority

The PORC shall:

1. Function to advise the Operations Manager on all matters that affect nuclear safety.
2. Recommend to the Operations Manager, in writing, approval or disapproval of items considered under e.1. through 4. above.
3. Render determinations in writing with regard to whether or not each item considered under e.1. through 5. above constitutes an unreviewed safety question.
4. Provide immediate written notification to the Manager, Nuclear Production and the Chairman of NFSC of disagreement between the

PORC and the Operations Manager; however, the Operations Manager shall have responsibility for resolution of such disagreements pursuant to 1. above.

g. Records

The PORC shall maintain written minutes of each meeting and copies shall be provided to the Manager, Nuclear Production and Chairman of the Fort St. Vrain Nuclear Facility Safety Committee.

Specification AC 7.1.3 - Nuclear Facility Safety Committee (NFSC),
Administrative Controls

The organization, responsibilities, and authority of the NFSC shall be as follows:

a. Function

The Nuclear Facility Safety Committee shall function to provide independent review and audit 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. Quality Assurance Practices
9. (Other appropriate fields associated with the unique characteristics of the nuclear power plant.)

b. Membership

The NFSC shall be composed of the following:

Chairman: Assistant Vice President Production

Nuclear Project Manager

Manager of Safety and Security

Quality Assurance Manager

Manager Nuclear Production

Consultants, as required and appointed by the Chairman

c. Alternates

Alternate members shall be appointed in writing by the Chairman; however, no more than two alternates shall participate in NFSC activities at any one time.

d. Consultants

Consultants shall be utilized as determined by the Chairman, NFSC, to provide expert advice to the NFSC.

e. Meeting Frequency

The NFSC 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.

f. Quorum

A quorum of the NFSC shall consist of the Chairman or his designated alternate and a majority of the NFSC members including alternates.

No more than a minority of the quorum shall have line responsibilities for operation of the facility.

g. Responsibilities

1. The Nuclear Facility Safety Committee shall review:
 - (a) The safety evaluations for changes to procedures, equipment or systems affecting nuclear safety and tests or experiments affecting nuclear safety completed under the provision of Section 50.59, 10 CFR, to verify that such actions did not constitute an unreviewed safety question.
 - (b) Proposed changes to procedures, equipment or systems which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
 - (c) Proposed tests or experiments which involve an unreviewed safety question, as defined in Section 50.59, 10 CFR.
 - (d) Proposed changes in Technical Specifications or licenses.
 - (e) Violation of applicable statutes, codes, regulations, orders, Technical Specifications, license requirements, or of internal procedures or instructions affecting nuclear safety.
 - (f) Significant operating abnormalities or deviations from normal and expected performance of plant equipment that affect nuclear safety.
 - (g) All events which are required by regulations or Technical Specifications to be reported to the NRC in writing within 24 hours.

(h) Any indication that there may be a deficiency in some aspect of design or operation of structures, systems, or components that affect nuclear safety.

(i) Reports and meeting minutes of the PORC.

2. Audits of facility activities shall be performed under the cognizance of the Nuclear Facility Safety Committee. 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 performance, training and qualifications of the 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 performance of activities required by the Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per two years.
- (e) The facility Emergency Plan and implementing procedures at least once per two years.
- (f) The facility Security Plan and implementing procedures at least once per two years.
- (g) Any other area of facility operation considered appropriate by the NFSC or the appropriate Vice President.

d. Authority

The NTSC shall report to and advise the appropriate Vice President on those areas of responsibility specified in g. above.

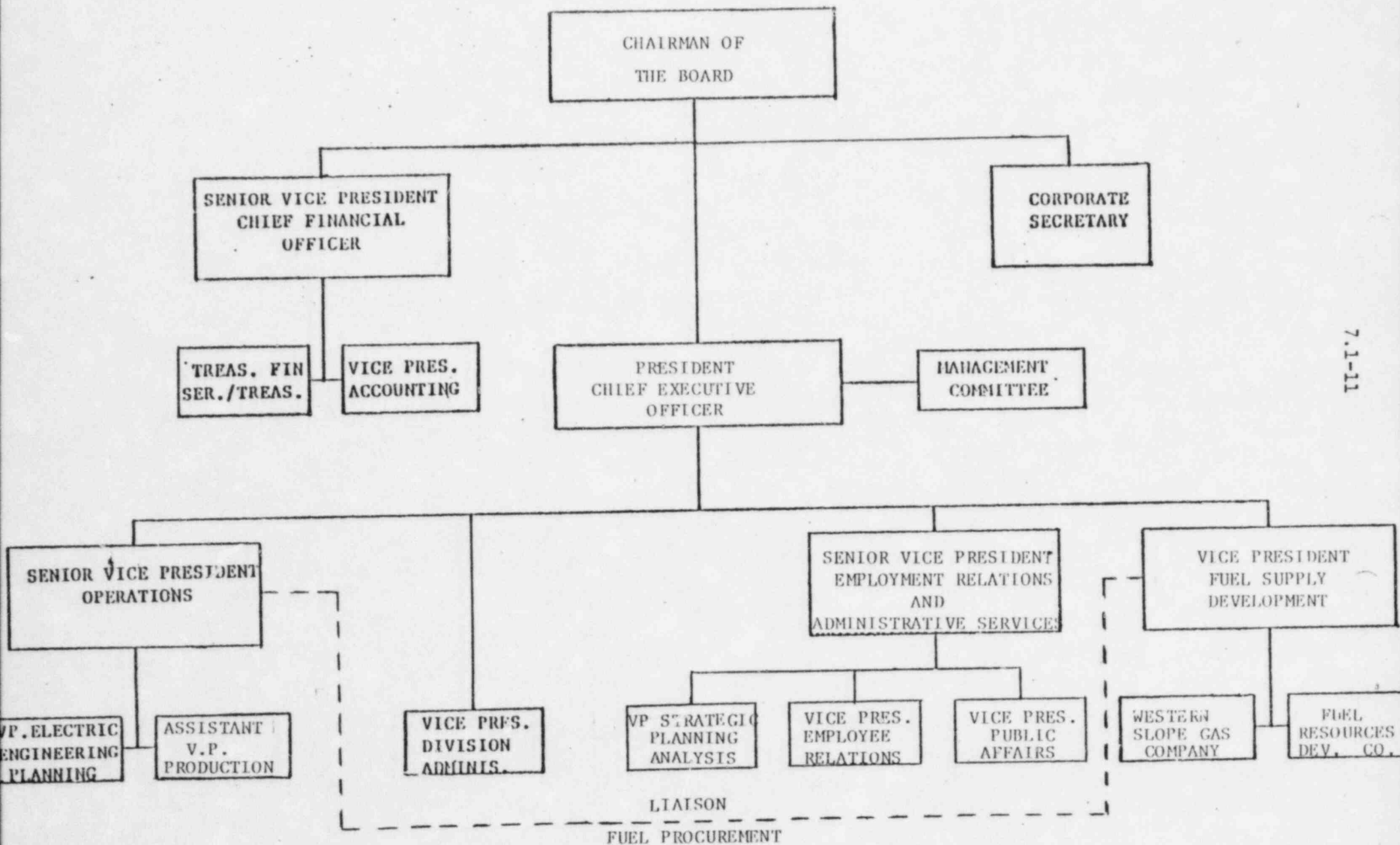
e. Records

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

1. Minutes of each NTSC meeting shall be prepared, approved and forwarded to the appropriate Vice President within 30 days following each meeting.
2. Reports of reviews encompassed by Section g. 1. above shall be prepared, approved and forwarded to the appropriate Vice President within 30 days following completion of the review.
3. Audit reports encompassed by Section g. 2. above shall be forwarded to the appropriate Vice President and to the management positions responsible for the areas audited within 30 days after completion of the audit.

PUBLIC SERVICE COMPANY OF COLORADO

EXECUTIVE ORGANIZATION CHART

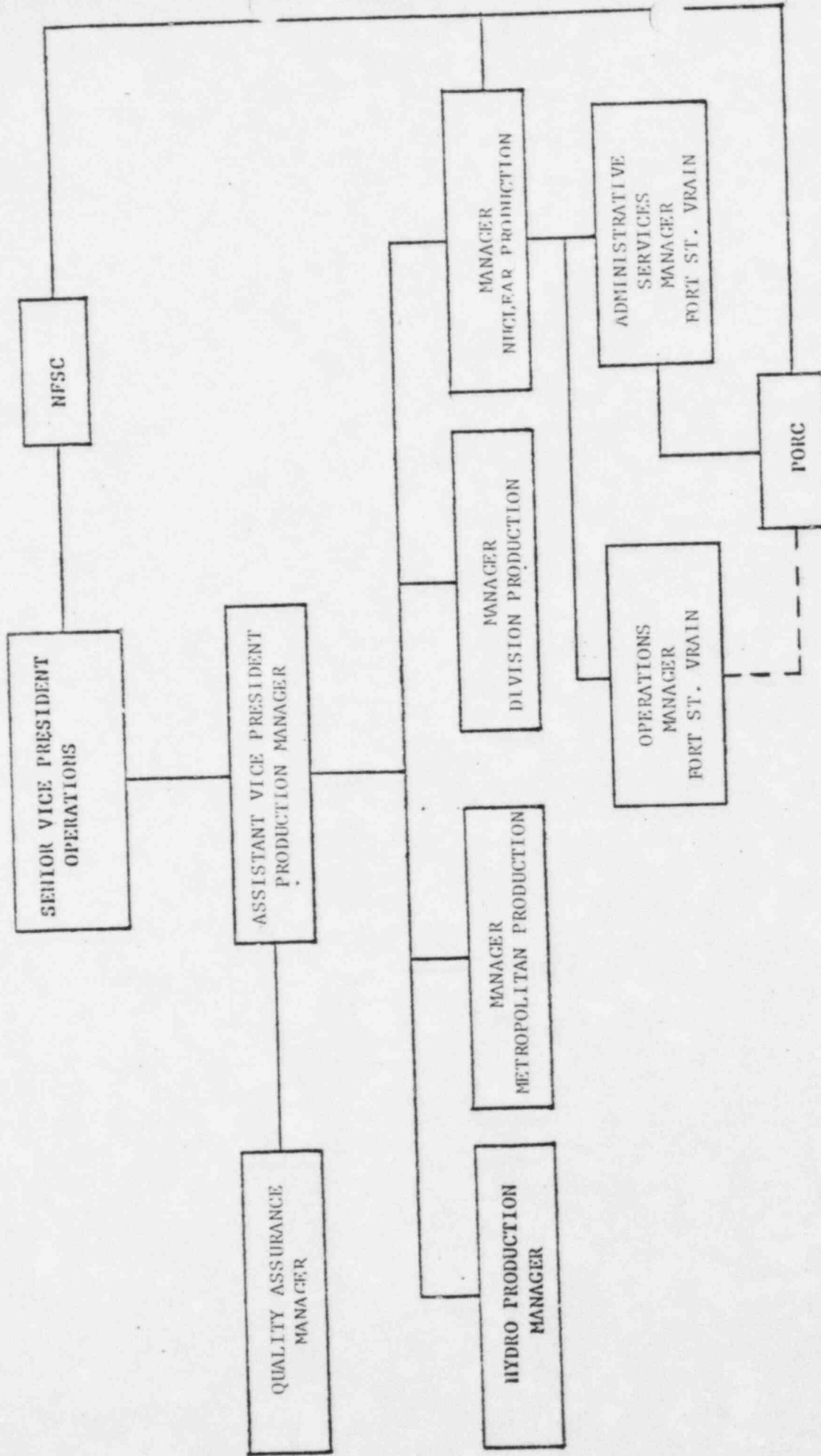


7.1-11

Fig. 7.1-1

FORT ST. VRAIN NUCLEAR GENERATING STATION

MANAGEMENT ORGANIZATION CHART

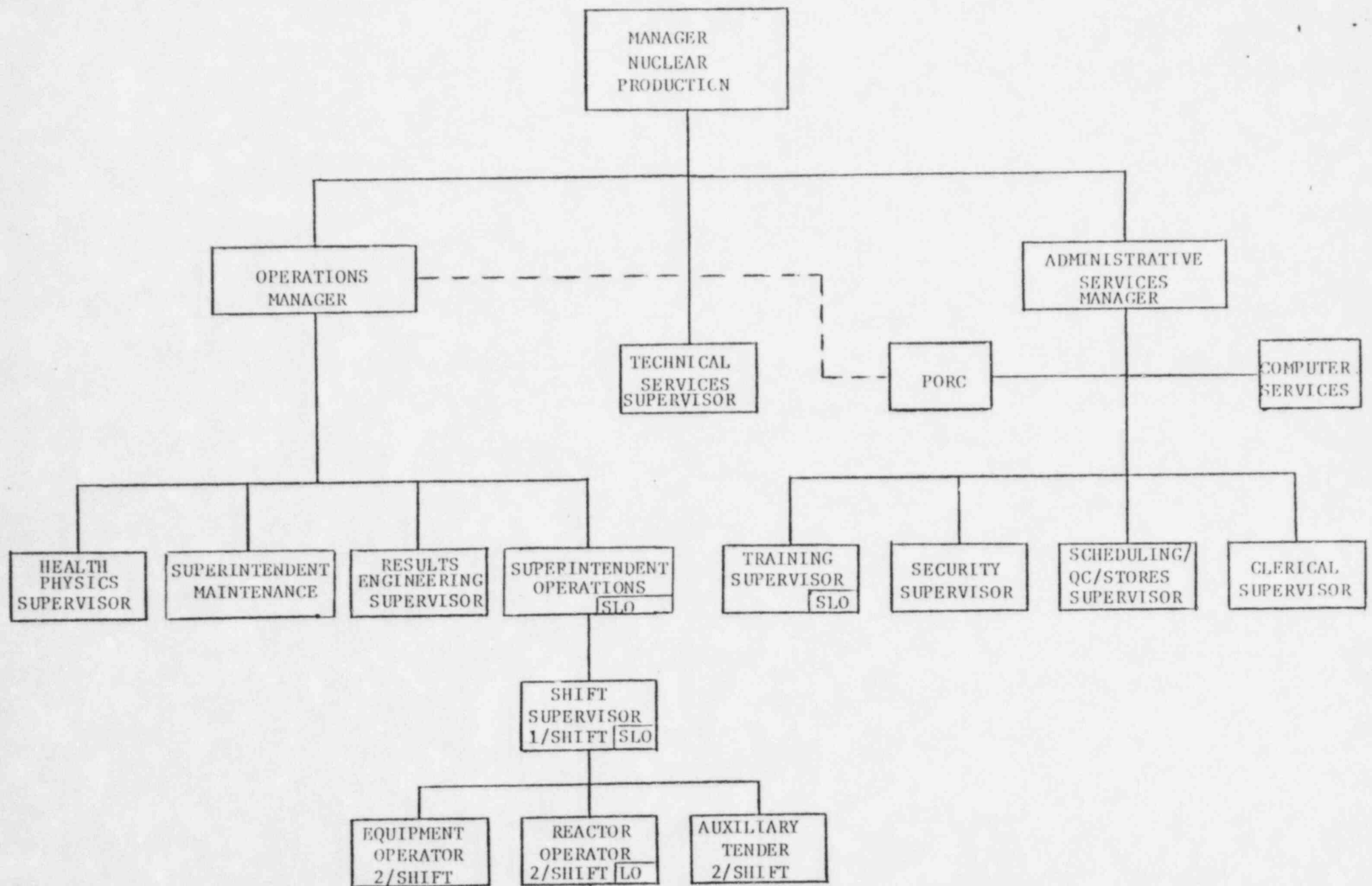


NFSC - Nuclear Facility Safety Committee
 PORC - Plant Operations Review Committee
 Chaired by
 Administrative Services Manager;
 PORC reports administratively
 to Operations Manager

Fig. 7.1-2

PORT ST. VRAIN NUCLEAR GENERATING STATION

CONDUCT OF OPERATIONS CHART



PORC - Plant Operating Review Committee

SLO - Senior Licensed Operator

LO - Licensed Operator

FIGURE 7.1-3

ATTACHMENT 2

7.2 SAFETY LIMITS, ADMINISTRATIVE CONTROLS

Applicability

Applies to the administrative procedures to be followed in the event that a safety limit is exceeded.

Objectives

To define the administrative procedures which will be followed in the event that a safety limit is exceeded.

Specification AC 7.2 - Action to be Taken if a Safety Limit is Exceeded, Administrative Controls

If a safety limit is exceeded, as defined in Specification SL 3.1 and 3.2, the following action shall be taken:

- a. The reactor will be shut down immediately and reactor operations shall not be resumed until approval is received from the NRC.
- b. The safety limit violation shall be reported to the Commission, the Manager, Nuclear Production and to the Chairman, NFSC immediately.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PORC. 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 Chairman, NFSC and the Manager, Nuclear Production within ten days of the violation.

ATTACHMENT 3

7.4 PROCEDURES - ADMINISTRATIVE CONTROLSApplicability

Applies to administrative procedures which will govern plant operations.

Objective

To ensure that written procedures will be maintained to define requirements for plant operation.

Specification AC 7.4 - Procedures, Administrative Controls

- a. Written procedures shall be established, implemented and maintained covering the activities referenced below:
 1. The applicable procedures recommended in Appendix A of Regulatory Guide 1.33, November, 1972.
 2. Refueling operations.
 3. Surveillance and test activities of safety-related equipment.
 4. Security Plan implementation.
 5. Emergency Plan implementation.
- b. Procedures and administrative policies of a. above, and changes thereto, shall be reviewed by the PORC and approved by the appropriate Manager prior to implementation and reviewed periodically as set forth in Administrative Procedures.

Security Plan procedures, and changes thereto, shall be reviewed by the Fort St. Vrain Security Committee and approved by the designated Plant Security Officer prior to implementation.

- c. Temporary changes to procedures of a. above may be made provided:
1. The intent of the original procedure is not altered.
 2. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's license.
 3. The change is documented, reviewed by the PORC and approved by the appropriate Manager within 14 days of implementation.
- d. Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained, and adhered to for all operations involving personnel radiation exposure.

Pursuant to 10 CFR 20.103(c)(1) and (3), allowance shall be made for the use of respiratory protective equipment in restricted areas where individuals are exposed to concentrations in excess of the limits specified in Appendix B, Table I, Column 1, of 10 CFR 20, subject to the following conditions and limitations:

1. The limits provided in Section 20.103(a) and (b) shall not be exceeded.
2. If the radioactive material is of such form that intake through the skin or other additional route is likely, individual exposures to radioactive material shall be controlled so that the radioactive content of any critical organ from all routes of intake averaged over 7 consecutive days does not exceed that which would result