

5.0 ADMINISTRATIVE CONTROLS

5.1 Responsibility

- 5.1.1 The Manager - Fort Calhoun Station shall be responsible for overall facility operation and shall delegate in writing the succession to this responsibility during his absence.

5.2 Organization

[~~offsite~~] delete

- 5.2.1 [The/~~offsite~~ organization for facility management and technical support shall be as shown on figure 5-1.]

replace with Attachment A

5.2.2 Plant Staff

The plant staff organization shall be as shown in ~~Figure 5-2~~ and function as follows: described in Chapter 12 of the USAR

- a. The minimum number and type of licensed and unlicensed operating personnel required onsite for each shift shall be as shown in Table 5.2-1.
- b. An Operator or Technician qualified in Radiation Protection Procedures shall be onsite when fuel is in the reactor.
- c. All core alterations 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 the operation.
- d. Fire protection program responsibilities are assigned to those positions and/or groups designated by asterisks in Figures ~~5-1~~ and ~~5-2~~ according to the procedures specified in Section 5.8 of the Technical Specifications. <sup>USAR</sup>
- 12.1-1 through 12.1-4
- e. A fire brigade consisting of 5 members shall be maintained onsite at all times. # The fire brigade shall not include the minimum shift crew necessary for safe shutdown of the unit (2 members).

#Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence of Fire Brigade members provided immediate action is taken to restore the Fire Brigade to within the minimum requirements.

Attachment A

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organizational charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the USAR.
- b. The Manager - Fort Calhoun Station shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Senior Vice President - Nuclear Operations, Production Operations, Production Engineering, and Quality and Environmental Affairs shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

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### 5.2 Organization (Continued)

- f. Administrative procedures shall be developed and implemented to limit the working hours of plant staff who perform safety-related functions. Administrative procedures shall reflect the personnel whose working hours will be affected.

Shift coverage shall be maintained without routine heavy use of overtime. The objective shall be to have operating personnel work a normal 8-hour day, 40-hour week while the plant is operating. However, in the event that unforeseen problems require substantial amounts of overtime to be used, or during extended periods of shutdown for refueling, major maintenance, or major plant modifications, on a temporary basis, the guidelines identified in the administrative procedures shall be followed.

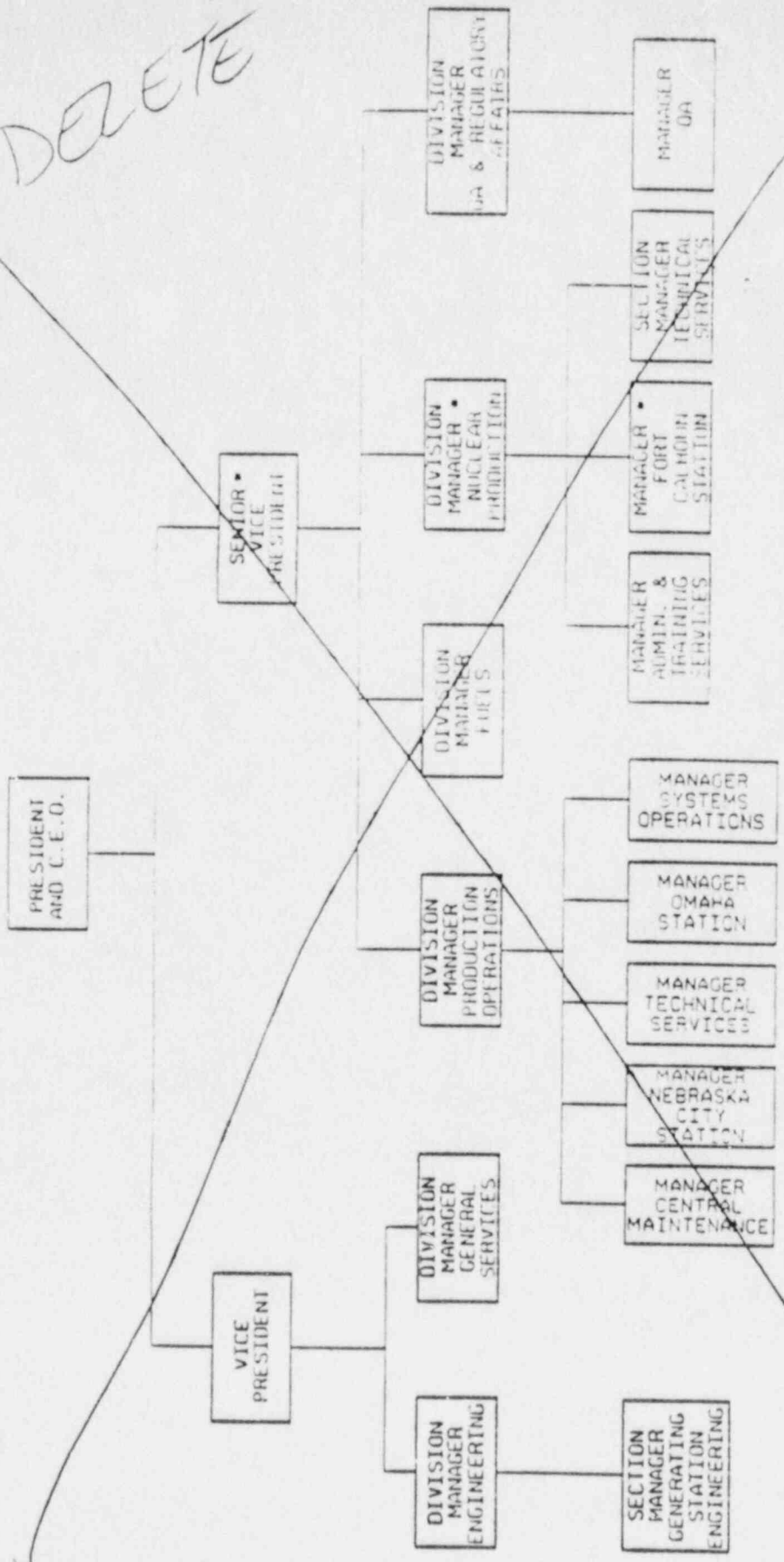
Deviations from the guidelines shall be authorized by the Department Manager, Plant Manager, or their designated alternates, or higher levels of management, in accordance with established procedures and with documentation of the basis for granting the deviation. Routine deviation from the administrative guidelines shall not be authorized.

### 5.3 Facility Staff Qualification

- 5.3.1 Each member of the plant staff shall meet or exceed the minimum qualifications of ANSI N13.1-1971 for comparable positions, with the exception of the Supervisor - ~~Chemical~~ and Radiation Protection (S/RP) and the Shift Technical Advisor (STA). The S/RP shall meet the requirements set forth in Regulatory Guide 1.8 dated September 1975, entitled "Personnel Selection and Training". The S/RP is considered to meet the educational and experience qualifications set forth in Regulatory Guide 1.8 with at least five years of experience in applied radiation protection and extensive formal training in radiation protection. The Shift Technical Advisor shall have a bachelor 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.

- g. The Supervisor - Operations Unit 1 and the Shift Supervisors shall hold a senior reactor operator license. The reactor operators, assistant reactor operators, and the equipment operators shall hold a reactor operator license.

DELETE



• POSITIONS POSSESSING FIRE PROTECTION IN 300.01(B)(1) & (1)S.  
 • OTHER VICE PRESIDENT POSITIONS EXIST WHICH HAVE NO DIRECT INVOLVEMENT WITH FACILITY MANAGEMENT OR TECHNICAL SUPPORT.

OMAHA PUBLIC POWER DISTRICT  
 FORT CALHOUN STATION  
 UNIT No.1  
 Amendment No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

OPPD SUPPORT STAFF

FIGURE 5-1

CLASSIFICATION  
SECRET

MANAGER  
FORT CALHOUN  
STATION

SUPERVISOR -  
ADMINISTRATIVE  
SERVICES AND  
SECURITY

SUPERVISOR  
OUTAGE  
PROJECTS

SUPERVISOR  
OPERATIONS  
UNIT 1

SUPERVISOR  
CHEMICAL & BIOLOGICAL  
PROTECTION

SUPERVISOR -  
MAINTENANCE

SUPERVISOR -  
TECHNICAL

SUPERVISOR \*  
SECURITY

SUPERVISOR  
ADMINISTRATIVE  
SERVICES

SHIFT  
SUPERVISORS

PLANT  
HEALTH  
PHYSICIST

PLANT  
SCIENTIST

RADIOACTIVE  
WASTE  
COORDINATOR

ALARA  
COORDINATOR

SUPERVISOR - I & C  
AND ELECTRICAL  
FIELD MAINTENANCE

SUPERVISOR -  
FIELD  
MAINTENANCE

REACTOR  
ENGINEER

PLANT  
ENGINEER

SECURITY  
FORCE

OFFICE  
STAFF

REACTOR  
OPERATORS

ASSISTANT  
REACTOR  
OPERATORS

EQUIPMENT  
OPERATORS

EQUIPMENT  
OPERATORS

AUXILIARY  
OPERATORS

TECHNICIANS

MAINTENANCE  
ENGINEERS

I & C  
TECHNICIANS

ELECTRICIANS

STOREROOM

PRESSURE  
EQUIPMENT

MACHINISTS

GENERAL  
MAINTENANCE

SHIFT  
TECHNICAL  
ADVISORS

TEST  
ENGINEERS

QUALITY  
CONTROL

DELETE

POSITIONS POSSESSING THE PROTECTED ATTRIBUTES.

FORT CALHOUN  
TECHNICAL  
SPECIFICATIONS  
Amendment No. A, 1A, 2B, 8B, 7B, 2A, 101

FORT CALHOUN STATION  
ORGANIZATION CHART

FIGURE  
5-2

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5.4 Training

Manager -

5.4.1 A retraining and replacement training program for the plant staff shall be maintained under the direction of the ~~Supervisor - Station Training~~ and shall meet or exceed the requirements of Section 5.5 of ANSI N18.1-1971 and ~~Appendix A~~ 10 CFR Part 55.

Training

5.4.2 A training program for the ~~Fire~~ brigade shall be maintained under the Manager - ~~Fort Calhoun Station~~ and shall meet or exceed the requirements of Section 27 of NFPA Code-1975, except that the meeting frequency may be quarterly.

5.5 Review and Audit

5.5.1 Plant Review Committee (PRC)

Function

5.5.1.1 The Plant Review Committee shall function to advise the Manager - Fort Calhoun Station on all matters related to nuclear safety.

Composition

5.5.1.2 The official Plant Review Committee shall be composed of the:

Supervisor - System Engineering

- Chairman: Manager - Fort Calhoun Station
- Member: Supervisor - Operations
- Member: ~~Supervisor - Technical~~ Manager - Training
- Member: Supervisor - Maintenance
- Member: ~~Supervisor - Instrument & Control and Electrical~~
- Member: ~~Reactor Engineer~~ Manager - Safety Review Group
- Member: Supervisor - ~~Chemistry~~ and Radiation Protection
- Member: Plant Engineer ~~Chemist~~

\* member: Manager - Quality Assurance and Quality Control

Alternates

5.5.1.3 Alternate members shall be appointed in writing by the Plant Review Committee Chairman to serve on a temporary basis; however, no more than two alternates shall participate in Plant Review Committee activities at any one time.

Meeting Frequency

5.5.1.4 The Plant Review Committee shall meet at least once per calendar month and as convened by the Plant Review Committee Chairman.

Quorum

5.5.1.5 A quorum of the Plant Review Committee shall consist of the Chairman and four members including alternates.

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- 5.5.2.8 e. The Fort Calhoun Station Emergency Plan and implementing procedures at least once every twelve months.
- f. The Site Security Plan and implementing procedures at least once every twelve months.
- g. The Safeguards Contingency Plan and implementing procedures at least once every twelve months.
- h. The Radiological Effluent Program including the Radiological Environmental Monitoring Program and the results thereof, the Offsite Dose Calculation Manual and implementing procedures, and the Process Control Program for the solidification of radioactive wastes at least once per 2 years.
- i. Any other area of facility operation considered appropriate by the Safety Audit and Review Committee or the Senior Vice President - ~~Nuclear Production, Production Operations, Fuels, and Quality Assurance & Regulatory Affairs.~~

Authority

- 5.5.2.9 The Safety Audit and Review Committee shall report to and advise the Senior Vice President - ~~Nuclear Production, Production Operations, Fuels, and Quality Assurance & Regulatory Affairs~~ on those areas of responsibility specified in Sections 5.5.2.7 and 5.5.2.8.

Records

- 5.5.2.10 Records of Safety Audit and Review Committee activities shall be prepared, approved and distributed as indicated below:
- a. Minutes of each Safety Audit and Review Committee meeting shall be prepared, approved and forwarded to the Senior Vice President - ~~Nuclear Production, Production Operations, Fuels, and Quality Assurance & Regulatory Affairs~~ within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 5.5.2.7e, f, g, h, and i above shall be prepared, approved and forwarded to the Senior Vice President - ~~Nuclear Production, Production Operations, Fuels, and Quality Assurance & Regulatory Affairs~~ within 14 days following completion of the review.
- c. Audit reports encompassed by Section 5.5.2.8 above shall be forwarded to the Senior Vice President - ~~Nuclear Production, Production Operations, Fuels, and Quality Assurance & Regulatory Affairs~~ and to the responsible management positions designated by the Safety Audit and Review Committee within 30 days after completion of the audit.

Nuclear Operations, Production  
Operations, Production  
Engineering, and Quality and  
Environmental Affairs

5-8

Amendment No. 9, 19, 22, 20, 76, 2A, 2B, 23, 101

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5.5.1.7 b. Render determinations in writing with regard to whether or not each item considered under 5.5.1.6(a) through (e) above constitutes an unreviewed safety question.

*Operations*  
c. Provide immediate written notification to the Division Manager - Nuclear ~~Production~~ and the Safety Audit and Review Committee of disagreement between the Plant Review Committee and the Manager - Fort Calhoun Station; however, the Manager - Fort Calhoun Station shall have responsibility for resolution of such disagreements pursuant to 5.1.1 above.

### Records

5.5.1.8 The Plant Review Committee shall maintain written minutes of each meeting and copies shall be provided to the Division Manager - Nuclear ~~Production~~ and Chairman of the Safety Audit and Review Committee.

*Operations*  
5.5.2 Safety Audit and Review Committee (SARC)

### Function

5.5.2.1 The Safety Audit and Review Committee shall function to provide the independent review and audit of designated activities in the areas of:

- nuclear power plant operation
- nuclear engineering
- chemistry and radiochemistry
- metallurgy
- instrumentation and control
- radiological safety
- mechanical and electrical engineering
- quality assurance

### Composition

5.5.2.2 The Safety Audit and Review Committee shall be composed of:

Chairman: Division Manager - Quality Assurance and Regulatory Affairs *Environmental*

Member: Senior Vice President - Nuclear Production, Production-  
*Operations, Fuels, and QA&RA*

Member: Vice President - Engineering and General Services

Member: Division Manager - ~~Engineering~~ *Nuclear Operations*

Member: Division Manager - ~~Nuclear Production~~ *Engineering*

Member: OPPD Operations, Engineering, and Technical Support staff

Member: Qualified Non-District Affiliated Consultants as Required  
and as Determined by SARC Chairman *Quality Assurance*

Member: Manager - Fort Calhoun Station

Member: Manager - Safety Review Group



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### Responsibilities

5.5.1.6 The Plant Review Committee shall be responsible for:

- a. Review of 1) all procedures required by Specification 5.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Manager - Fort Calhoun Station to affect nuclear safety.
- b. Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to the 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 and shall prepare and forward a report covering evaluation and recommendations to prevent recurrence to the Division Manager - Nuclear ~~Production~~ and to the Chairman of the Safety Audit and Review Committee. Operations
- f. Review of facility operations to detect potential safety hazards.
- g. Performance of special reviews and investigations and reports thereon as requested by the Chairman of the Safety Audit and Review Committee.
- h. Review of the Site Security Plan and implementing procedures and shall submit recommended changes to the Chairman of the Safety Audit and Review Committee.
- i. Review of the Site Emergency Plan and implementing procedures and shall submit recommended changes to the Chairman of the Safety Audit and Review Committee.
- j. Review of all Reportable Events.

### Authority

5.5.1.7 The Plant Review Committee shall:

- a. Recommend in writing to the Manager - Fort Calhoun Station approval or disapproval of items considered under 5.5.1.6.(a) through (d) above.

5.6 Reportable Event Action

5.6.1 The following actions shall be taken in the event of a REPORTABLE EVENT:

- a. The Commission shall be notified pursuant to the requirements of 10 CFR 50.72, if applicable.
- b. Each Reportable Event shall be reviewed by the Plant Review Committee and submitted to the Chairman of the Safety Audit and Review Committee and the Division Manager - Nuclear Production, Operations
- c. Submit reports of Reportable Events pursuant to the requirements of Specification 5.9.2.

5.7 Safety Limit Violation

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

- a. The unit shall be placed in at least HOT SHUTDOWN within 1 hour. Operations
- b. The Safety Limit Violation shall be reported to the Division Manager - Nuclear Production and to the Chairman of the Safety Audit and Review Committee (SARC) within 24 hours.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the Plant Review Committee. 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 Chairman of the Safety Audit and Review Committee and the Division Manager - Nuclear Production within 14 days of the violation. Operations

5.8 Procedures

5.8.1 Written procedures and administrative policies shall be established, implemented and maintained that meet or exceed the minimum requirements of sections 5.1 and 5.3 of ANSI N18.7-1972 and Appendix A of USNRC Regulatory Guide 1.33 except as provided in 5.8.2 and 5.8.3 below.

5.8.2 Each procedure and administrative policy of 5.8.1 above, and changes thereto, shall be reviewed by the Plant Review Committee and approved by the Manager - Fort Calhoun Station prior to implementation and periodically as set forth in each document.

5.8.3 Temporary changes to procedures of 5.8.1 above may be made provided: