

Attachment 1

Topical Report Amendment 21

Pages 17-15 and 17-21

Marked Copy Showing Proposed Changes

7611260216 761119  
PDR ADOCK 05000269  
P PDR

assigned the responsibility of performing the activity. The verification of quality is assigned to qualified personnel independent of the responsibility for performance or direct supervision of the activity. The degree of independence varies commensurate with the activity's importance to safety.

The policies described in this document are implemented through departmental program manuals and procedures, and are, therefore, transmitted to all levels of management.

Organization charts for various departments/locations are contained in Chapter 13 of the respective Station Final Safety Analysis Report.

#### 17.3.1.2.2 Nuclear Generation Department

The Nuclear Generation Department has direct line responsibility for all Duke Power Company nuclear station operations. The Nuclear Generation Department is responsible for achieving quality results during engineering, preoperational testing, operation, testing, maintenance and modification of the Company's nuclear stations and with complying with applicable codes, standards and NRC regulations. The functions of Nuclear Generation are directed by the Senior Vice President, Nuclear Generation.

The Senior Vice President, Nuclear Generation formulates, recommends, and carries out plans, policies, and programs related to the nuclear generation of electric power; and reports to the President and Chief Operating Officer. The Senior Vice President, Nuclear Generation is informed of significant problems or occurrences relating to safety and quality assurance through established administrative procedures, and participates directly in their resolution, where necessary.

##### a) Nuclear Site Organization

The Nuclear Site Vice Presidents (Site Officer) report to the Senior Vice President, Nuclear Generation. The Site Officer is also responsible for the administration, implementation, and assessment of the quality assurance program as it applies to station operation. In the discharge of their responsibilities, the Site Officers direct the activities of the station organizations.

Reporting to the Site Officer for each nuclear station, is a Manager, Nuclear Station who is assigned the direct responsibility for the safe operation of the facility. The qualification requirements for the Manager, Nuclear Station are in accordance with the provisions of ANSI N18.1-1971 and are presented in each station's FSAR.

##### b) Nuclear Generation Department, Nuclear Generation Office

The Nuclear Generation Department, Nuclear General Office, is divided into ~~four~~<sup>three</sup> divisions. The activities of each division are directed by a manager who reports to the Senior Vice President, Nuclear Generation. The divisions within the Nuclear General Office are: ~~(1) Engineering Support, which provides technical support to the stations in procurement, supplier verification, maintenance and engineering;~~ (2)<sup>1</sup> Nuclear Engineering, which provides support to the stations in severe accident analysis, safety analysis, nuclear design, ~~and~~ fuels/core management; (3)<sup>2</sup> Station Support, which provides technical support to the stations in work control and human performance, chemistry, radiation protection, steam generator maintenance, quality assurance services, inservice inspection and special projects such as license renewal, RM&C, and steam generator replacement; and (4)<sup>3</sup> Nuclear Assessment and Issues, which provides technical and business support to the stations in operating experience assessment, operations assessment, business/financial support, regulatory/industry affairs, NSRB,

procurement engineering,  
and supplier verification

maintenance,  
engineering

and regulatory audits. The Regulatory Audits Section has the authority and organizational freedom to:

- No Changes on this page / included for only.*
- 1) Identify quality problems
  - 2) Initiate, recommend or provide solutions to quality problems through designated channels.
  - 3) Verify the implementation of solutions to quality problems.
  - 4) Ensure cost and schedule do not unduly influence decision making involving quality.

If significant quality problems are identified by Regulatory Audit personnel, the Manager, Nuclear Assessment and Issues Division or designee, has the responsibility and authority to notify management to direct the affected work activity to cease pending satisfactory resolution of the identified problem.

#### **17.3.1.2.3 Electric System Support Department**

The Electric System Support Department provides centralized services to the Power Generation Group in areas such as environmental engineering, NDE, measuring and test equipment calibration, craft support, and others. The Electric System Support Department is directed by the Vice President, Electric System Support who reports to the President and Chief Operating Officer.

#### **17.3.1.2.4 Generation Organization Effectiveness Services**

The Generation Organization Effectiveness Services provides input to Power Generation Group in such areas as fire protection and Fitness For Duty. The Generation Organization Effectiveness Services is directed by the Director, Generation Organization Effectiveness Services who reports to the President and Chief Operating Officer.

#### **17.3.1.2.5 Procurement, Services and Materials (PSM) Department**

PSM is responsible for the Materials and Equipment Database (MEDB), which is the computer database containing necessary attributes for purchase of a commodity; and the purchasing function. These activities in PSM are directed by the Manager- Business & Technical Services, and the General Manager, Corporate Materials Management respectively, who report to the Vice President, Procurement Services and Materials. PSM is responsible for operation of any central storage facilities not directly assigned as part of a nuclear site. The Nuclear Site Organization administers, implements and assesses the Quality Assurance Program at these locations storing QA Condition 1 items.

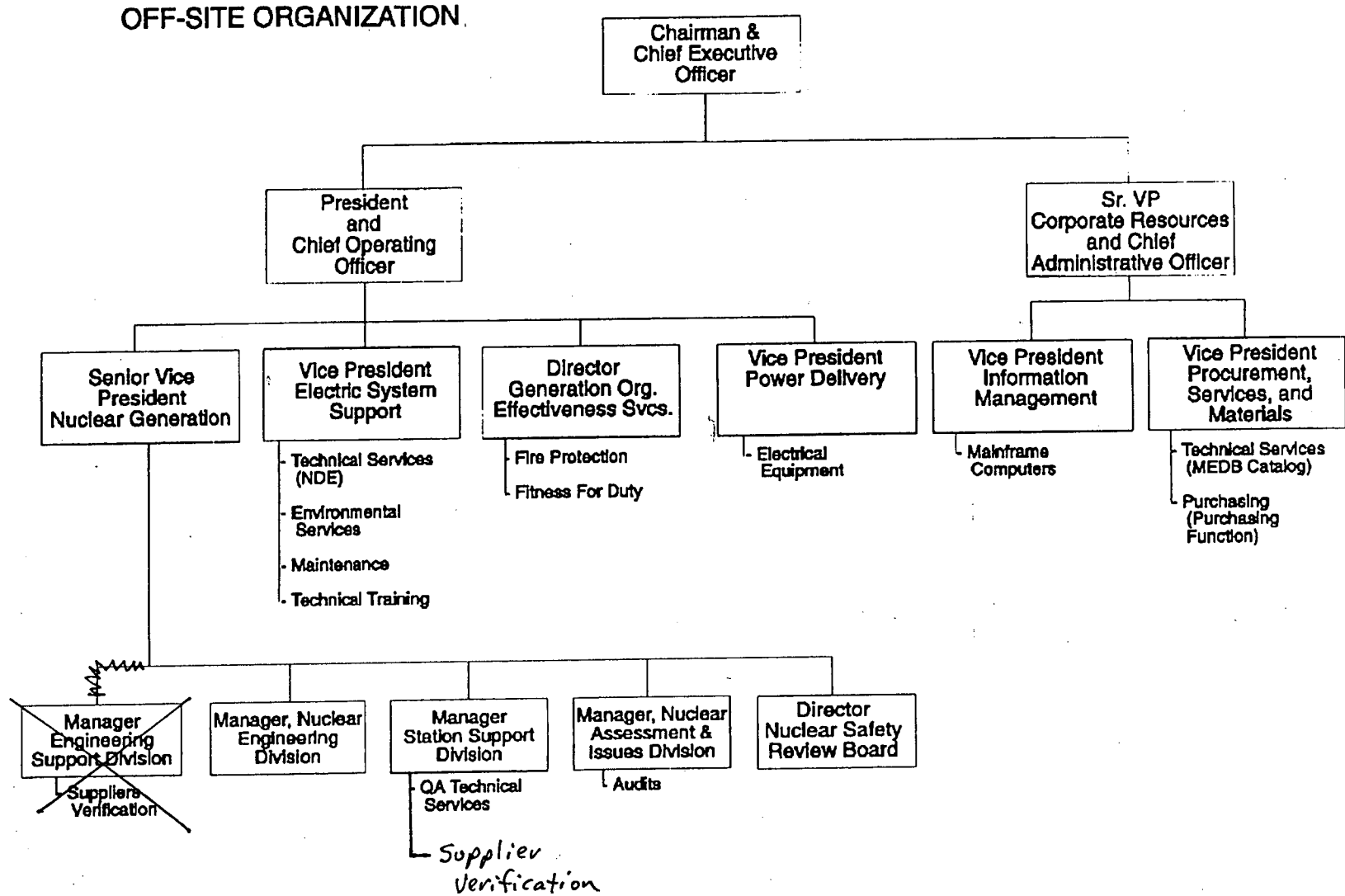
#### **17.3.1.2.6 Information Management (IM) Department**

IM is responsible for the development and maintenance of mainframe computer software and data which supports QA Condition activities. These activities in IM are directed by managers and directors reporting to the Vice President, Information Management.

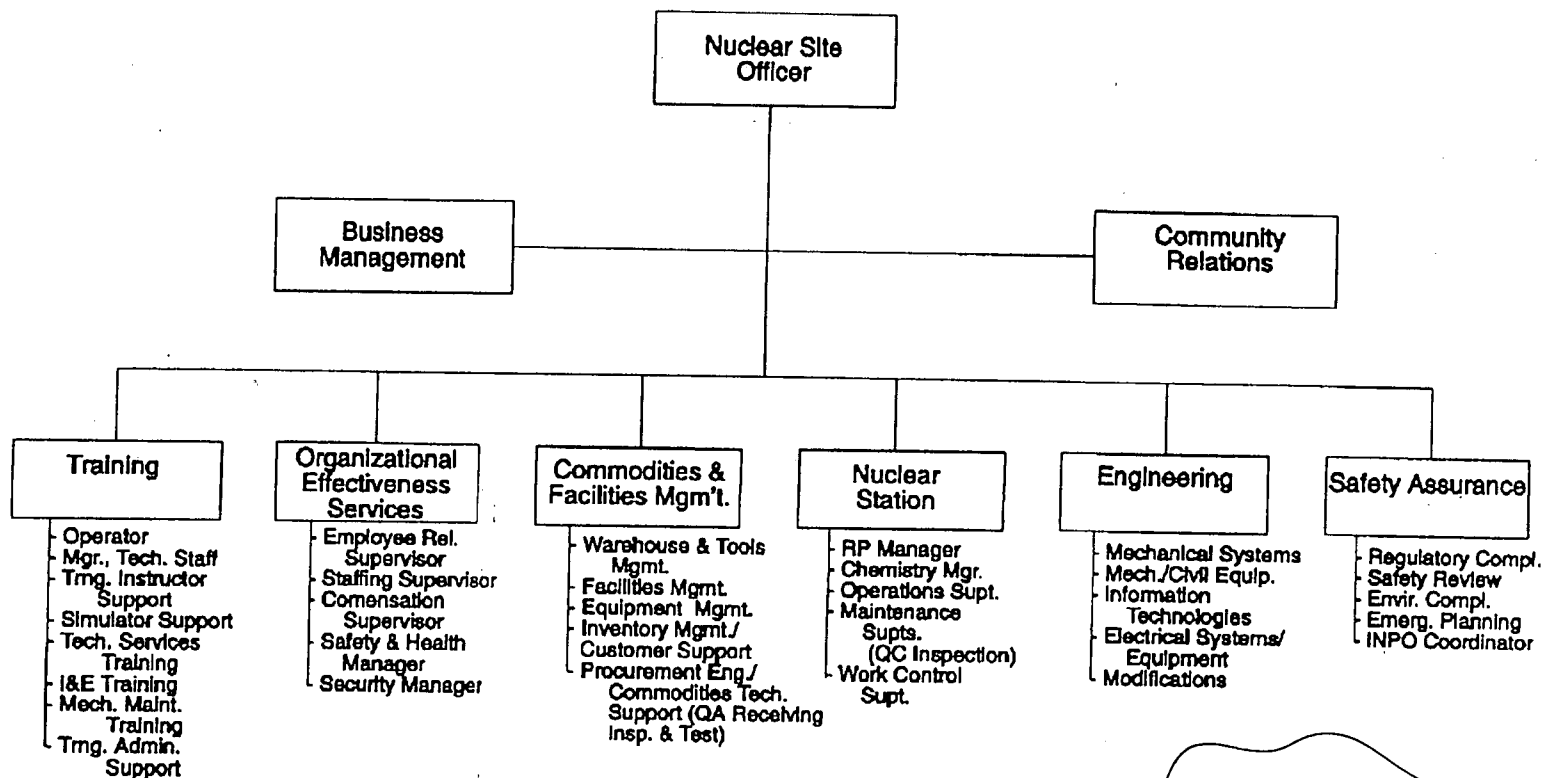
#### **17.3.1.2.7 Power Delivery Department**

The Power Delivery Department provides maintenance and testing services to the nuclear station for selected electrical equipment. These services are directed by the Vice President, Power Delivery who reports to the President and Chief Operating Officer.

Figure 17-3. Off-Site Organization



# NUCLEAR SITE ORGANIZATION



No Changes on this page, included for information only

Figure 17-4. Nuclear Site Organization

Attachment 2

Topical Report Amendment 21

Proposed Pages Pages 17-15 and 17-21

assigned the responsibility of performing the activity. The verification of quality is assigned to qualified personnel independent of the responsibility for performance or direct supervision of the activity. The degree of independence varies commensurate with the activity's importance to safety.

The policies described in this document are implemented through departmental program manuals and procedures, and are, therefore, transmitted to all levels of management.

Organization charts for various departments/locations are contained in Chapter 13 of the respective Station Final Safety Analysis Report.

#### **17.3.1.2.2 Nuclear Generation Department**

The Nuclear Generation Department has direct line responsibility for all Duke Power Company nuclear station operations. The Nuclear Generation Department is responsible for achieving quality results during engineering, preoperational testing, operation, testing, maintenance and modification of the Company's nuclear stations and with complying with applicable codes, standards and NRC regulations. The functions of Nuclear Generation are directed by the Senior Vice President, Nuclear Generation.

The Senior Vice President, Nuclear Generation formulates, recommends, and carries out plans, policies, and programs related to the nuclear generation of electric power; and reports to the President and Chief Operating Officer. The Senior Vice President, Nuclear Generation is informed of significant problems or occurrences relating to safety and quality assurance through established administrative procedures, and participates directly in their resolution, where necessary.

##### **a) Nuclear Site Organization**

The Nuclear Site Vice Presidents (Site Officer) report to the Senior Vice President, Nuclear Generation. The Site Officer is also responsible for the administration, implementation, and assessment of the quality assurance program as it applies to station operation. In the discharge of their responsibilities, the Site Officers direct the activities of the station organizations.

Reporting to the Site Officer for each nuclear station, is a Manager, Nuclear Station who is assigned the direct responsibility for the safe operation of the facility. The qualification requirements for the Manager, Nuclear Station are in accordance with the provisions of ANSI N18.1-1971 and are presented in each station's FSAR.

##### **b) Nuclear Generation Department, Nuclear Generation Office**

The Nuclear Generation Department, Nuclear General Office, is divided into three divisions. The activities of each division are directed by a manager who reports to the Senior Vice President, Nuclear Generation. The divisions within the Nuclear General Office are: 1) Nuclear Engineering, which provides support to the stations in severe accident analysis, safety analysis, nuclear design, fuels/core management, procurement engineering, and supplier verification; (2) Station Support, which provides technical support to the stations in work control and human performance, chemistry, radiation protection, steam generator maintenance, quality assurance services, inservice inspection, maintenance, and engineering, and special projects such as license renewal, RM&C, OAC replacement, and steam generator replacement; and (3) Nuclear Assessment and Issues, which provides technical and business support to the stations in operating experience assessment, operations assessment, business/financial

support, regulatory/industry affairs, NSRB, and regulatory audits. The Regulatory Audits Section has the authority and organizational freedom to:

- 1) Identify quality problems
- 2) Initiate, recommend or provide solutions to quality problems through designated channels.
- 3) Verify the implementation of solutions to quality problems.
- 4) Ensure cost and schedule do not unduly influence decision making involving quality.

If significant quality problems are identified by Regulatory Audit personnel, the Manager, Nuclear Assessment and Issues Division or designee, has the responsibility and authority to notify management to direct the affected work activity to cease pending satisfactory resolution of the identified problem.

#### **17.3.1.2.3 Electric System Support Department**

The Electric System Support Department provides centralized services to the Power Generation Group in areas such as environmental engineering, NDE, measuring and test equipment calibration, craft support, and others. The Electric System Support Department is directed by the Vice President, Electric System Support who reports to the President and Chief Operating Officer.

#### **17.3.1.2.4 Generation Organization Effectiveness Services**

The Generation Organization Effectiveness Services provides input to Power Generation Group in such areas as fire protection and Fitness For Duty. The Generation Organization Effectiveness Services is directed by the Director, Generation Organization Effectiveness Services who reports to the President and Chief Operating Officer.

#### **17.3.1.2.5 Procurement, Services and Materials (PSM) Department**

PSM is responsible for the Materials and Equipment Database (MEDB), which is the computer database containing necessary attributes for purchase of a commodity; and the purchasing function. These activities in PSM are directed by the Manager- Business & Technical Services, and the General Manager, Corporate Materials Management respectively, who report to the Vice President, Procurement Services and Materials. PSM is responsible for operation of any central storage facilities not directly assigned as part of a nuclear site. The Nuclear Site Organization administers, implements and assesses the Quality Assurance Program at these locations storing QA Condition 1 items.

#### **17.3.1.2.6 Information Management (IM) Department**

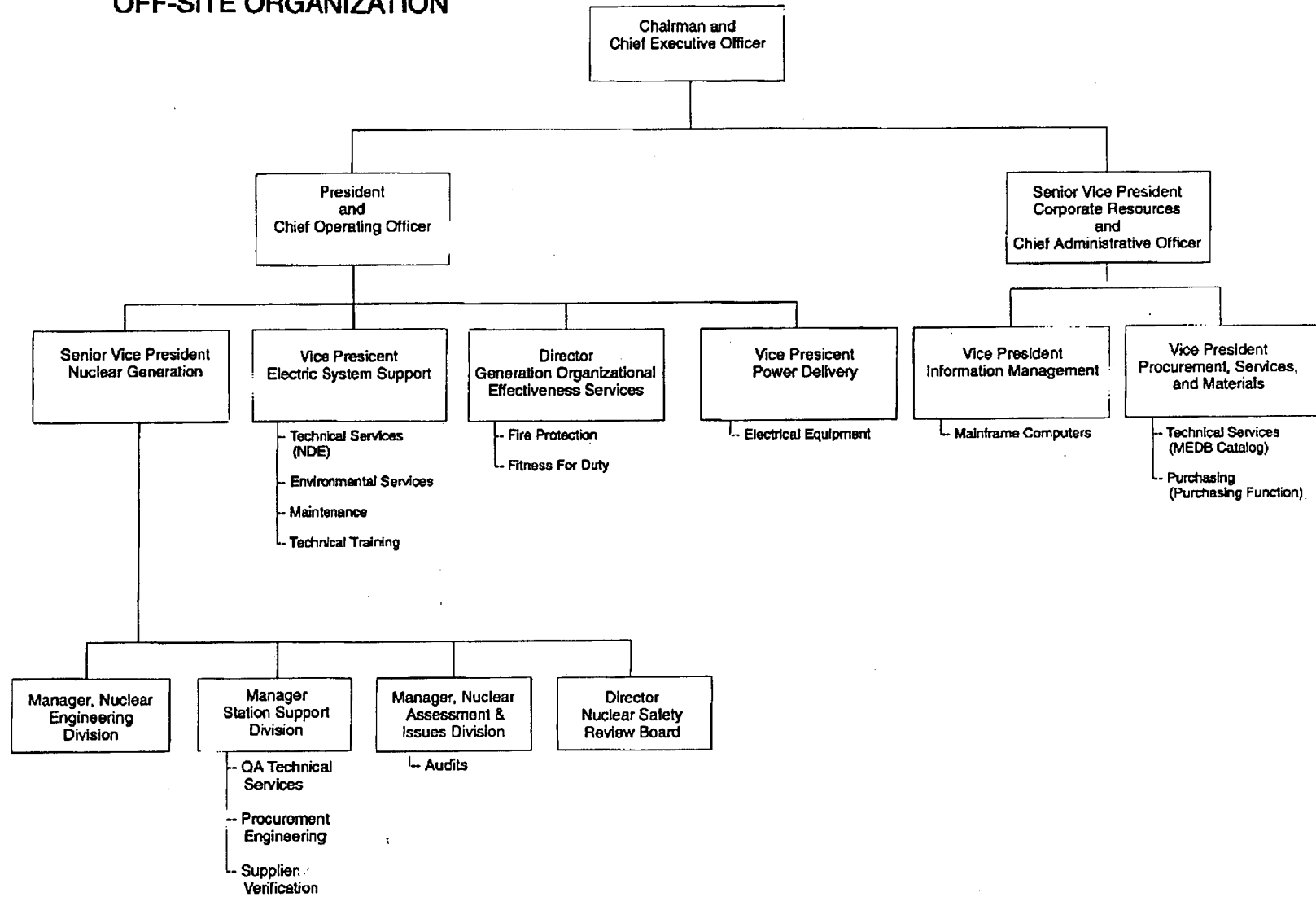
IM is responsible for the development and maintenance of mainframe computer software and data which supports QA Condition activities. These activities in IM are directed by managers and directors reporting to the Vice President, Information Management.

#### **17.3.1.2.7 Power Delivery Department**

The Power Delivery Department provides maintenance and testing services to the nuclear station for selected electrical equipment. These services are directed by the Vice President, Power Delivery who reports to the President and Chief Operating Officer.



Figure 17-3. Off-Site Organization



# NUCLEAR SITE ORGANIZATION

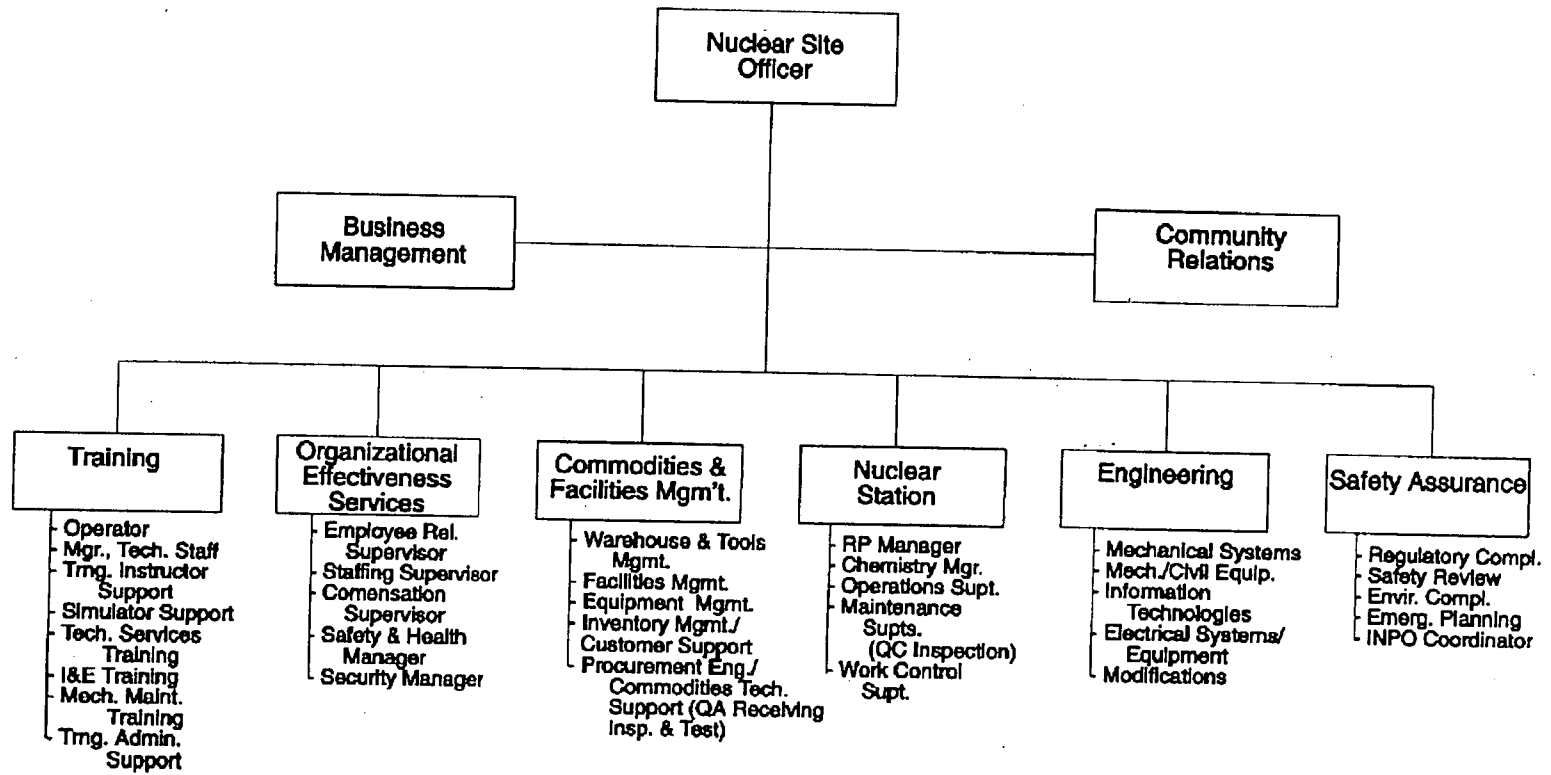


Figure 17-4. Nuclear Site Organization