

Tennessee Valley Authority	POLICY AND ORGANIZATION MANUAL	MD-11
	MANAGEMENT DIRECTIVE	Rev. 0
	Title ORGANIZATION STRUCTURE AND RESPONSIBILITIES - NUCLEAR POWER	Page 1 of 8

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MANAGEMENT DIRECTIVE  
ORGANIZATION STRUCTURE AND  
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1.0 PURPOSE

To describe the organization structure of Nuclear Power (NP) and define the responsibilities of the Senior Vice President (SVP), NP.

2.0 SCOPE

This Management Directive is applicable to all organizational elements reporting to the SVP, NP.

3.0 REFERENCES

TVA Nuclear Power Organization Description (TVA-NPOD89)

4.0 DIRECTIVE

4.1 The SVP, NP has overall authority and responsibility for the management, control, and supervision of TVA's nuclear power program. The SVP, NP is responsible to ensure the safe and efficient design, construction, and operation of TVA's nuclear units, to fulfill TVA's commitments to the NRC, and to continue necessary safety improvement initiatives.

In executing the performance of these responsibilities, the SVP, NP has site and corporate NP organizations structured to provide the accomplishment of goals and objectives designed to ensure safe and reliable plant operation. The focus of the entire organization is to assist the nuclear plants in achieving the highest standards of safe and efficient power production.

Site Vice Presidents have primary responsibility for the safe and reliable operation of licensed nuclear units and for the design and construction of new units in accordance with regulatory requirements. Site Vice Presidents have the necessary authority to control the facility for which they are held accountable. In addition, site management is responsible for ensuring that clearly defined responsibilities and accountabilities are established and implemented by all site personnel.

Site organizations are supported by the corporate nuclear organization. Corporate nuclear organizations function to support the SVP and site management in meeting their responsibilities. The fundamental purpose of the corporate organization is to:

- A. Define, with site concurrence, nuclear policies and standards and to provide oversight of their implementation.
- B. Evaluate and recommend incorporation of and changes to processes and procedures based on best industry practices and technological advances.

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- C. Assist in the standardization of site administrative processes and policy implementation by ensuring communication of process improvements among sites and through the development and issuance of standards of performance.
- D. Provide technical expertise and assistance in those areas where it is neither practical nor cost effective to provide such resource at each site.

Corporate nuclear organizations also provide direct assistance and support to site management. Where necessary, corporate organizations provide resources to site line management to ensure prudent, efficient and cost-effective support of licensed units and those under construction. This support is provided on a request basis and only after the fundamental purpose of the corporate organization is satisfied.

It is intended that NP Standards apply to all sites. These standards are designed to provide the range of acceptable performance all NP personnel must satisfy. All NP personnel are responsible to identify and recommend changes to the standards necessary to achieve this purpose. It is not intended that standards are so prescriptive that appropriate site differences or stages in site development cannot be accommodated. To this end any deviation required by a specific site shall be submitted by the affected site Vice President, with the logic explaining why the change is appropriate, to the SVP/NP for approval. Such submittal shall include specific, recommended changes to the standard such that the problem will not recur in the future.

The SVP/NP accomplishes assigned responsibilities through the following vice presidents and managers.

4.1.1 Vice President, Nuclear Operations (VP/NO)

The VP/NO is responsible for:

- A. Safe, efficient, and reliable operation of the licensed nuclear plants.
- B. Providing technical and administrative support, oversight, and program direction to the sites along with standardization of programs where appropriate.

C. Establishing policy and program direction for programs supporting nuclear operations onsite in the following areas:

- Operations
- Radiological Control
- Radioactive Waste Management
- Environmental Protection
- Chemistry
- Emergency Preparedness
- Fire Protection
- Nuclear Security
- Industrial Safety
- Maintenance
- Technical Support
- Training
- Outage Management

4.1.2 Vice President, Nuclear Projects (VP/NP)

The VP/NP is responsible for:

A. Technical and administrative support, oversight and program direction for the engineering and modification support to licensed nuclear units.

B. Browns Ferry Unit 3 recovery.

C. Watts Bar Units 1 and 2 completion.

D. Establishing policy and program direction for the following areas:

- project management
- design and engineering functions
- plant modifications

E. Integration and management of the completion of assigned units through engineering, construction, startup and licensing.

4.1.3 Vice President, New Generation (VP/NG)

The VP/NG is responsible for strategies and programs for TVA's second generation nuclear power plants.

At this time, the SVP/NP has assigned the VP/NG to serve as Quality Officer for Nuclear Power. The Quality Officer is responsible for managing, planning, and directing the Total Quality Management (TQM) Program that includes recommendations, as appropriate, to the SVP/NP as Chief Quality Officer on organizational structure, strategic plans, implementation plans, policies and procedures, and other issues associated with quality initiatives to ensure operational effectiveness and total quality performance in Nuclear Power.

4.1.4 Vice President, Nuclear Assurance, Licensing, and Fuels  
(VP/NAL&F)

The VP/NAL&F is responsible for:

- A. Developing and administering the Nuclear Quality Assurance Plan.
- B. Auditing, assessing, inspecting, and monitoring the application, implementation and effectiveness of the TVA Nuclear Quality Assurance Program.
- C. Technical and administrative support, oversight, and program direction for the Licensing Program for TVA's nuclear facilities.
- D. Providing nuclear fuel, fuel-related core components, and related technical support for TVA's nuclear facilities.
- E. An independent review program to assess design, construction, operation, and offsite support of TVA's nuclear facilities and performance of Independent Safety Engineering (ISE) functions as set forth in NUREG 0737.
- F. Conducting independent nuclear safety assessment and review of TVA's nuclear power plants.
- G. Evaluating all of the oversight and assessment programs for common indications and trends and drawing the conclusions and recommendations indicated in reports to the SVP/NP.
- H. Development, coordination, and implementation of materials management, contract administration, and the procurement program for NP.
- I. Technical and administrative support, oversight and program direction for the Document Control and Records Management programs within NP.
- J. Managing development and maintenance of the NP corporate procedures system, including oversight of the onsite procedures system.
- K. Coordinating the development, acquisition and use of information systems within NP.

4.1.5 Vice President, Completion Assurance (VP/CA)

The VP/CA is responsible for:

- A. Providing a single point of accountability and focus for oversight toward completion of recovery, construction and licensing at Watts Bar (WBN) and Bellefonte (BLN) nuclear sites.

This includes management of:

- Site QA/QC organizations.
  - Program for Assurance and Completion and Assurance of Quality (PAC/AQ).
  - Inspection Services.
- B. Technical direction and/or consultation, as appropriate, in support of line management in areas such as:
- welding.
  - QA records.
  - materials control.
  - ASME programs.
  - Total Quality Management (TQM) Program process controls.

4.1.6 Vice President, Bellefonte Nuclear Plant (VP/BLN)

The VP/BLN is responsible for developing strategies, programs and plans, and implementation thereof, for completing and obtaining an operating license for BLN.

4.1.7 Manager, Nuclear Human Resources

The Manager, Nuclear Human Resources is responsible for developing, coordinating, directing, and managing a viable human resources program for NP. This includes:

- A. Staffing and employment.
- B. Compensation administration.
- C. Labor relations.
- D. Affirmative action and equal opportunity employment.
- E. Employee communication and recognition.
- F. Organizational development.
- G. Administering the Fitness for Duty Program.
- H. Management development and training.

4.1.8 Manager, Nuclear Business Operations

The Manager, Nuclear Business Operations is responsible for oversight of a strong business and fiscal management focus and policy throughout NP. These responsibilities include:

- A. Developing and implementing NP's Annual Business Planning Schedule.
- B. Developing and implementing NP's Objectives and Goals Program.
- C. Interfacing with and supporting nuclear site and corporate organizations and TVA's Power Planning Staff relative to goals, planning schedules, cost estimates, resource targets, performance monitoring, etc.
- D. Providing policy, direction and oversight to NP organizations for financial planning, including budgeting, forecasting and financial systems.
- E. Providing guidance and oversight for the NP cost management program including financial performance reporting, variance analysis, employee compensation, travel reimbursement and cost classification.

4.1.9 Manager, Concerns Resolution Staff

The Manager, Concerns Resolution Staff is responsible for ensuring that concerns important to safe and reliable plant operations are promptly and effectively resolved. This includes:

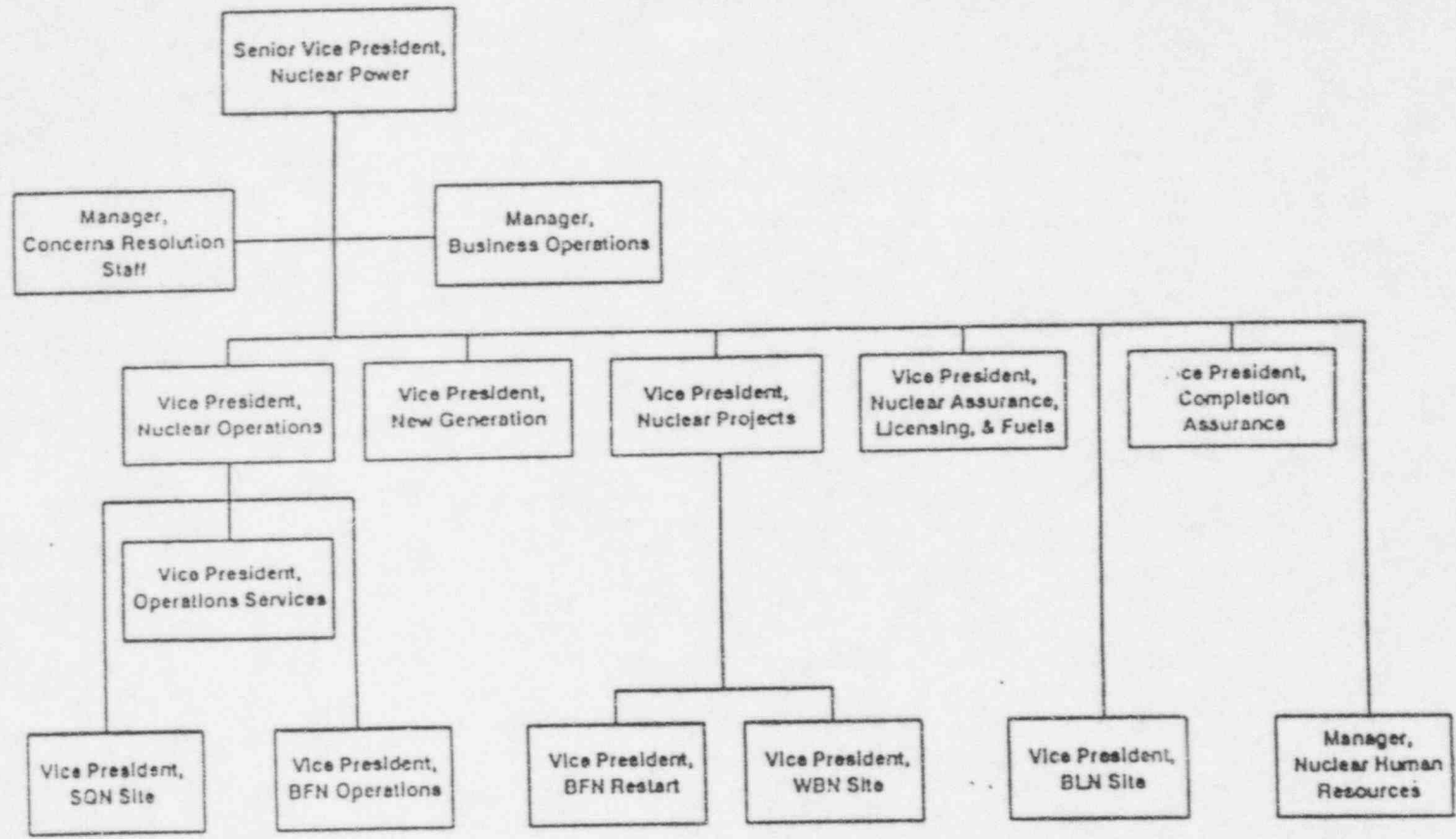
- A. Maintaining oversight of the handling of concerns through line organizations to ensure that they are promptly and effectively resolved.
- B. Providing an alternate avenue to receive and evaluate concerns which could not be effectively resolved through line organizations.
- C. Maintaining effective relationships with the Office of the Inspector General and the Nuclear Regulatory Commission regarding employee concerns.

5.0 ADDITIONAL INFORMATION

See Attachment 1 for NP Organization Chart.

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### ATTACHMENT 1 ORGANIZATION CHART NUCLEAR POWER



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