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Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

CNL-14-226

February 13, 2015

10 CFR 50.4
10 CFR 50.71(e)

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Sequoyah Nuclear Plant, Units 1 and 2
Facility Operating License Nos. DPR-77 and DPR-79
NRC Docket Nos. 50-327 and 50-328

Watts Bar Nuclear Plant, Unit 1
Facility Operating License No. NPF-90
NRC Docket No. 50-390

Watts Bar Nuclear Plant, Unit 2
NRC Docket No. 50-391

Subject: **Organization Topical Report, TVA-NPOD89-A**

Reference: Tennessee Valley Authority letter to NRC, "TVA Organization Topical Report, TVA-NPOD89-A," dated September 3, 2013

In accordance with Title 10, *Code of Federal Regulations* (10 CFR) 50.71 (e), "Maintenance of records, making of reports," enclosed is Revision 21 of Tennessee Valley Authority (TVA) Organization Topical Report (TVA-NPOD89-A). TVA's Organization Topical Report provides organizational descriptions for the TVA Nuclear Power Group, including Browns Ferry Nuclear Plant, Sequoyah Nuclear Plant, Watts Bar Nuclear Plant, and Nuclear Construction. This report is referenced in the Updated Final Safety Analysis Reports (UFSARs) for each of TVA's operating nuclear power plants and must comply with the update submittal frequency requirements for the UFSARs. The reference letter provided the most recent update to the TVA Organization Topical Report on September 3, 2013. TVA has recently implemented several significant organization changes. TVA has updated the Organization Topical Report (TVA-NPOD89-A) to reflect the current organization.

Revision 21 of the TVA Organization Topical Report (TVA-NPOD89-A) is provided in Enclosure 1.

In addition, Revision 21 of the TVA Organization Topical Report (TVA-NPOD89-A) provides a description of the organization supporting the construction activities associated with WBN Unit 2. TVA will provide a revised Organization Topical Report (TVA-NPOD89-A) describing the WBN Unit 2 operating organization within 90 days of commercial operation.

There is one new regulatory commitment provided in Enclosure 2 of this letter. If you have any questions regarding this submittal, please contact Ed Schrull at (423) 751-3850.

Respectfully,

for J. W. Shea

J. W. Shea
Vice President Nuclear Licensing

Enclosures:

1. Organization Topical Report, TVA-NPOD89-A, Revision 21
2. List of Regulatory Commitments

cc (Enclosures):

NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant
NRC Senior Resident Inspector - Sequoyah Nuclear Plant
NRC Senior Resident Inspector - Watts Bar Nuclear Plant, Unit 1
NRC Senior Resident Inspector - Watts Bar Nuclear Plant, Unit 2

Enclosure 1

Organization Topical Report
TVA-NPOD89-A, Revision 21

TENNESSEE VALLEY AUTHORITY

ORGANIZATION TOPICAL REPORT, TVA-NPOD89-A

REVISION 21

FEBRUARY 2015

ORGANIZATION DESCRIPTION

LIST OF REVISIONS

REVISION 0 ..... June 1, 1989

REVISION 1 ..... August 13, 1990

REVISION 2 ..... April 18, 1991

REVISION 3 ..... April 17, 1992

REVISION 4 ..... December 27, 1993

REVISION 5 ..... December 16, 1994

REVISION 6 ..... June 29, 1995

REVISION 7 ..... June 27, 1997

REVISION 8 ..... August 25, 1999

REVISION 9 ..... August 25, 2000

REVISION 10 ..... August 24, 2001

REVISION 11 ..... August 26, 2002

REVISION 12 ..... August 22, 2003

REVISION 13 ..... August 31, 2004

REVISION 14 ..... August 30, 2005

REVISION 15 ..... June 22, 2006

REVISION 16 ..... August 30, 2007

REVISION 17 ..... August 29, 2008

REVISION 18 ..... August 31, 2009

REVISION 19 ..... August 31, 2011

REVISION 20 ..... September 3, 2013

REVISION 21 ..... February 13, 2015

TVA NUCLEAR POWER GROUP
ORGANIZATION DESCRIPTION

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Abstract

This Topical Report (TVA-NPOD89-A) includes the organizational descriptions for the Tennessee Valley Authority (TVA) Nuclear Power Group (NPG) including the Browns Ferry (BFN), Sequoyah (SQN), Watts Bar (WBN) Nuclear Plants, the WBN Unit 2 Start-up organization and the Corporate NPG organization. This report contains the senior management, technical support and operating organization descriptions, and organization charts that meet the "content" guidance of Nuclear Regulatory Commission's (NRC's) Regulatory Guide 1.70, Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants - LWR Edition, Rev. 3 (November 1978).

Qualification requirements and training descriptions specified in the standard format document will continue to be addressed in each plant's Final Safety Analysis Report. The detailed TVA Quality Assurance organization and program description is contained in the NPG Quality Assurance Plan (TVA-NQA-PLN89-A) and is not repeated herein.

The original purpose of the NPG Organization Description (TVA-NPOD89-A) was to establish a controlled, single-source document and a disciplined process for communicating the organizational structure and position descriptions to the NRC. TVA-NPOD89-A will be referenced in future revisions of our license applications including the Safety Analysis Reports, Technical Specifications, the Nuclear Quality Assurance Plan, and other documents that may refer to the NPG organization. This topical report is updated as necessary to reflect major organizational changes. Because this topical report encompasses multiple plants, subsequent updates to the Topical Report will be provided on a biennial basis to ensure that TVA meets the refuel cycle criterion of 10 CFR 50.71(e) for each unit at each site.

Introduction

TVA Corporate Organization

The Tennessee Valley Authority (TVA) is an agency of the federal government whose major policies, programs, and organization are determined by a part-time, nine member Board of Directors (BOD) structure pursuant to the TVA Governance Restructuring provisions of the Consolidated Appropriations Act, 2005. The BOD members are appointed by the President of the United States and confirmed by the Senate for five-year terms. The BOD selects a Chief Executive Officer (CEO) who also serves as President to manage TVA's day-to-day business. The BOD shapes the long-term business strategies, recommends major program initiatives, and guides TVA's day-to-day operations.

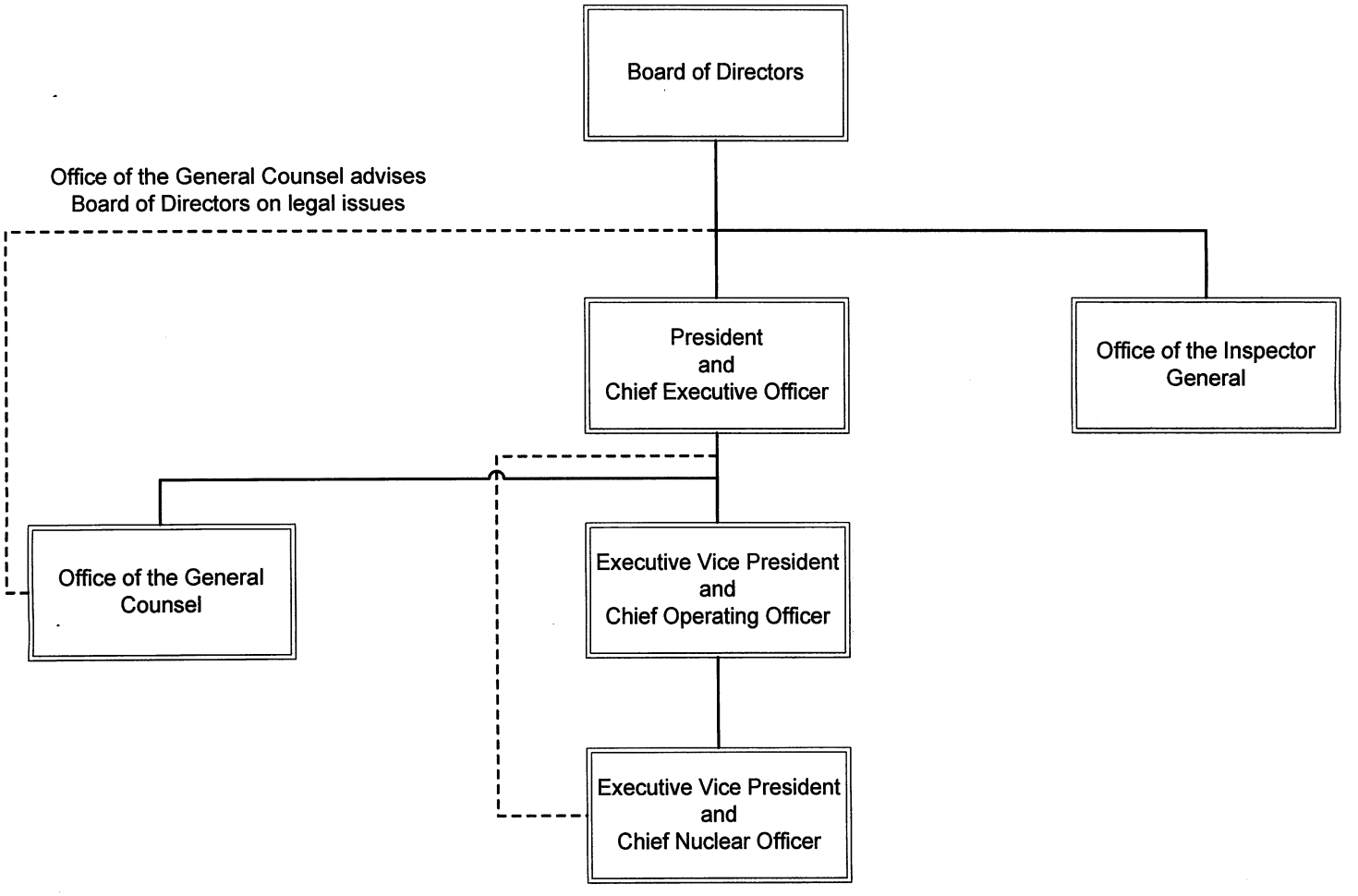
The CEO is responsible for managing all aspects of TVA, including power production, transmission, power trading, resource management programs, and economic development, as well as TVA's corporate functions. The CEO heads TVA's Senior Management Committee and chairs its Leadership Team.

The Executive Vice President and Chief Operating Officer (COO) is responsible for optimizing TVA's fleet of generation resources, including nuclear, coal, gas, hydroelectric and renewables, to meet the energy demands of the Tennessee Valley. The COO reports directly to the CEO.

The Executive Vice President and Chief Nuclear Officer (CNO) is responsible for the overall safety, efficiency, and economy of TVA's Nuclear Power Program and the overall NPG organization.

The Corporate Organization leadership and reporting relationships are shown in Figure 1.

Figure 1: Corporate Organization



I. Executive Vice President and Chief Operating Officer (COO)

The COO is responsible for leading the operations of all of TVA's generating assets including Nuclear; Coal Operations; Gas Operations; Power Supply & Fuels; Generation Construction; Engineering, Environmental & Support Services; and River Operations & Renewables. The position leads the activities of these organizations in accordance with the goals, vision, and values established by the CEO and the Board of Directors and is responsible for establishing short-term and long-term objectives, plans, and policies subject to the approval of the CEO.

The Nuclear Power Group (NPG) is responsible for nuclear plant engineering and design, operation, quality assurance, and compliance with regulatory requirements. NPG plans and manages the Nuclear Program to meet the requirements of TVA's Power Program consistent with safety, environmental, quality, and economic objectives. The COO is responsible for assuring that the Inspection and Testing Services organization supports Nuclear Construction activities in accordance with the Nuclear Quality Assurance Plan.

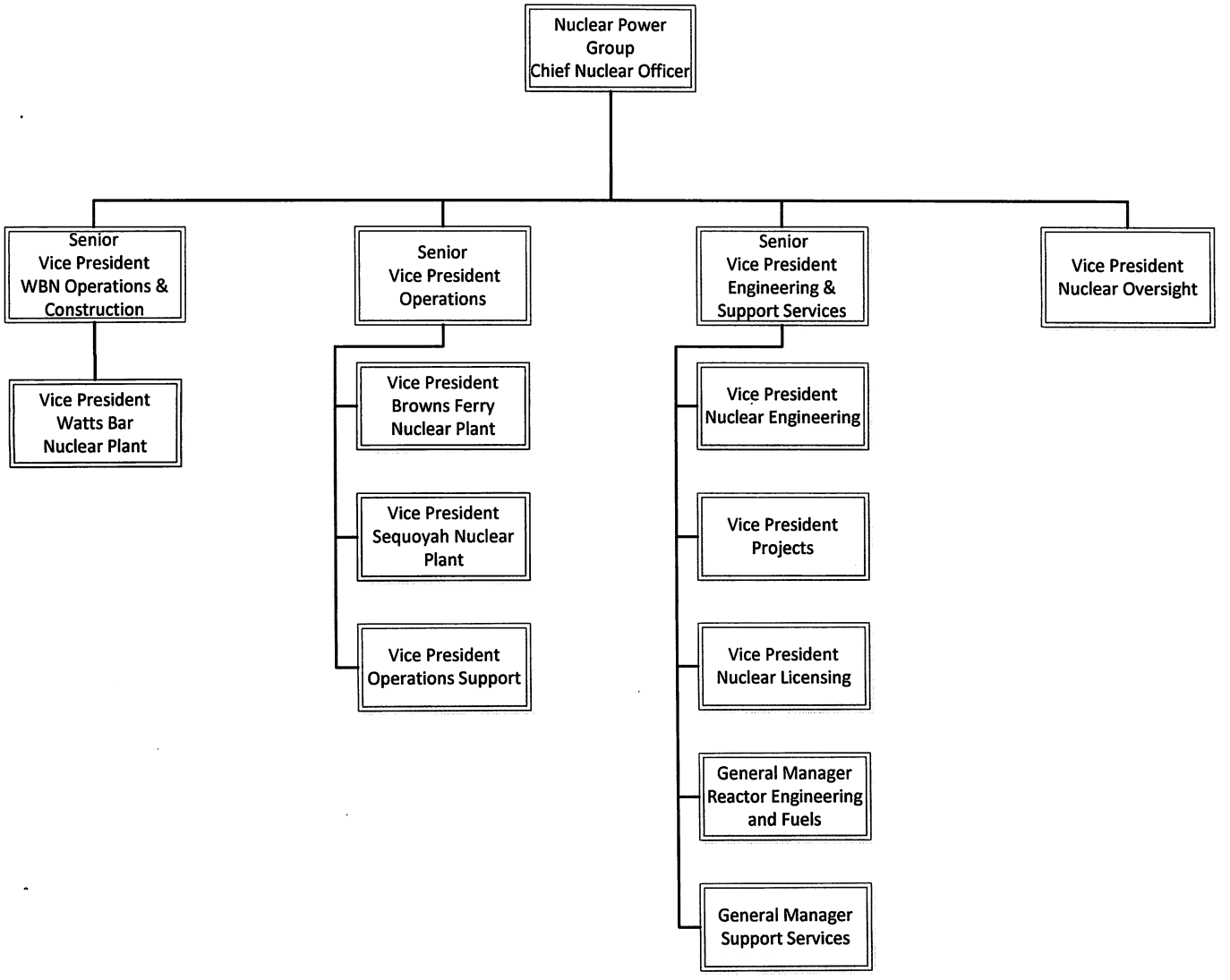
The general organization of TVA's NPG is shown in Figure 2.

A. Executive Vice President and Chief Nuclear Officer (CNO)

The CNO is the senior nuclear manager with direct authority and responsibility for the management, control, and supervision of TVA's Nuclear Power Program and for the execution of nuclear programs, policies, and decisions that the Board of Directors approves or adopts. The Executive Vice President and CNO has corporate responsibility for overall plant nuclear safety and shall take measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support in the plant so that continued nuclear safety is assured. The CNO reports directly to the COO. The COO reports directly to the CEO. The CNO is responsible for the overall safety, efficiency, and economy of nuclear operations. The CNO establishes management and operating policies and procedure's related to TVA's Nuclear Program and is responsible for personnel, planning, scheduling, licensing, engineering and design, construction, operation, quality assurance, training, maintenance, and technical and administrative matters related to these programs. The CNO coordinates activities and functions of NPG with other TVA organizations in order to carry out TVA's corporate policy and to meet corporate goals and objectives. This position is responsible for all aspects of TVA's interface and relations with the NRC and other entities with jurisdiction over or interest in TVA's Nuclear Program. Other responsibilities include: development and implementation of an effective radiological Emergency Preparedness Program; directing shutdown of nuclear facilities when deemed appropriate; and development of long-range, strategic plans for all NPG programs, activities, and facilities. Quality Assurance reports directly to the Vice President, Nuclear Oversight, but has direct access to the CNO. This provides independence and freedom to effectively ensure conformance to Quality Assurance Program requirements. The Senior Vice President WBN Operations & Construction works with the CNO to ensure that future nuclear generation is coordinated with the existing fleet.

The CNO's direct reports are provided in Figure 2. These functions are described in more detail in subsequent sections of this Topical Report.

Figure 2: Nuclear Power Group



A. Executive Vice President and Chief Nuclear Officer CNO (continued)

1.0 Senior Vice President Engineering and Support Services

This position is responsible for the Engineering and Support Services associated with producing safe and reliable nuclear power. Responsibility includes: Nuclear Engineering, Nuclear Projects, Nuclear Fuels, Extended Power Up-rate, Nuclear Support Services, Performance Improvement, Licensing, Emergency Preparedness, Security Operations, and External Events recovery responsibilities.

1.1 Vice President Nuclear Engineering

This position is responsible for establishing and directing engineering functions within the NPG. This includes Corporate Design Engineering, Plant Engineering, Programs Engineering, and Computer Engineering. Responsibilities include governance and oversight of Site Engineering functions and policy compliance for NPG's fleet in regard to engineering functions. In addition, this position advises NPG executives on technical issues affecting the sites and provides direction to the Site Engineering Directors.

For National Fire Protection Association (NFPA) matters, the Corporate Engineering Chief Engineer (Vice President Nuclear Engineering) serves as the TVA Authority Having Jurisdiction (AHJ) and is responsible for approving fire protection equipment installation or procedure design basis matters which do not require prior NRC approval. For issues which require prior approval, the NRC is considered the AHJ. This position also serves as the point of contact with other organizations on fire protection related matters.

1.2 Vice President Projects

This position is responsible to strategically manage, direct, and integrate the diverse functions associated with the planning, development, and execution of capital and O&M projects. Provides leadership and direction for the development of strategic plans for plant projects, including system wide initiatives, to maximize the efficiency & utilization of TVA Nuclear assets. Accountable for ensuring that all services performed comply with operational, engineering, regulatory, environmental, and safety requirements as appropriate. Develops key partnerships and alliances with major support vendors to NPG and provides oversight of these alliances.

1.3 Vice President Nuclear Licensing

This position provides oversight and direction of the NPG Licensing functions in support of the operations of TVA's licensed nuclear plants. In addition, this position provides oversight and direction of the licensing activities associated with WBN Unit 2. This position is responsible for the development of regulatory vision and strategy for regulatory issues for both Corporate and Sites and providing policy recommendations. This position provides governance and oversight of the site licensing organizations.

1.4 General Manager Reactor Engineering and Fuels

This position is responsible for the management of Reactor Engineering & Fuels program to support safe operation of TVA nuclear facilities.

1.5 General Manager Support Services
This position provides oversight and directs the Support organization which provides technical support to NPG in the following areas: Emergency Preparedness, Security Operations, Nuclear In-Processing, and External Events. Serves as key member of the NPG executive team and advises the Chief Nuclear Officer and other corporate and site management on a wide range of Nuclear Support issues. Ensures all managed activities are conducted in accordance with appropriate TVA and external regulations and policies.

2.0 Vice President Nuclear Oversight
The Vice President, Nuclear Oversight reports directly to the CNO and is responsible for directing and managing the NPG Oversight organization, including Quality Assurance. The responsibility for Quality Assurance includes oversight to ensure implementation of NPG's QA Programs for evaluating program effectiveness for design, construction, safety and reliability, and operation of TVA's nuclear plants. This includes review of the Nuclear Quality Assurance Plan and Quality Assurance internal procedures. Quality Assurance has an indirect reporting structure to the CNO to provide independence and freedom to effectively ensure conformance to Quality Assurance Program requirements.

3.0 Senior Vice President Operations
This position reports directly to the CNO and provides oversight of the NPG operating nuclear plants. This position is also responsible for nuclear safety culture and organizational effectiveness. The Senior Vice President Nuclear Operations direct reports are the Nuclear Plant Site Vice Presidents for Browns Ferry (BFN) and Sequoyah (SQN).

3.1 Site Vice President (Typical for the operating nuclear plants)
This position is responsible and accountable for activities at the site including operations, modifications, maintenance, support, training, and engineering services. The Site Vice President's direct reports and functional reporting relationships are provided in Figure 3.

3.1.1 Director Site Engineering
This position is responsible for management and execution of site projects to provide overall management of the Engineering Design, Systems Engineering, Engineering Support, Technical Support, and Components Test and Inspection functions at the site. This function specifically includes managing activities necessary for capital work in support of the operating units and refueling outages.

3.1.1.1 Senior Manager System Engineering
Responsible for integrated management and execution of site projects to provide overall management of the engineering functions at the site, including both outage and on-line support. This responsibility specifically includes managing activities necessary for system health and capital work in support of the operating

unit(s), refueling outages, and to recover units from unplanned outages safely, within budget, on schedule, in accordance with applicable requirements.

3.1.1.2 Senior Manager Design Engineering
Responsible for integrated management and execution of site projects to provide overall management of the engineering functions at the site, including both outage and on-line support. This responsibility specifically includes managing activities necessary for capital work in support of the operating unit(s), refueling outages, and to recover units from unplanned outages safely, within budget, on schedule, in accordance with applicable requirements.

3.1.1.3 Manager Reactor Engineering
Plans and directs the Reactor Engineering section functions to ensure the reliable and efficient performance of assigned plant equipment in accordance with applicable requirements.

3.1.2 Director Training
This position directs the planning, development, implementation, and evaluation of Training Programs to ensure sufficient qualified personnel to operate, maintain, and modify the nuclear power plant.

3.1.3 Director Site Projects (Senior Manager at SQN and WBN)
This position is responsible for cost engineering functions including estimating, forecasting, trending/scope control, data analysis, and reporting. Other responsibilities include ensuring technical and programmatic cost requirements of the site organizations and for planning and scheduling of major modifications and projects.

3.1.4 Director Plant Support
This position is responsible for the Site Performance Improvement, Emergency Planning, and Site Licensing functions.

3.1.5 Senior Manager Site Quality Assurance
This position provides oversight of quality activities associated with the operation of the plant. Responsibilities are described in detail in TVA's Nuclear Quality Assurance Plan (TVA-NQA-PLN89-A). This position reports to the General Manager, Quality Assurance (Corporate) and has a reporting relationship (dotted line) to the Site Vice President.

3.1.6 Plant Manager
This position is responsible for ensuring that plant operations and support activities are conducted in accordance with applicable requirements. Responsible for overall plant safe operation and has control over those resources necessary for safe operation and

maintenance of the plant. This position's direct reports and areas of administrative responsibilities are provided in Figure 4.

3.1.6.1 Director Maintenance

This position is responsible for planning, directing, and managing the plant's Maintenance Program to ensure that equipment and systems are maintained in accordance with operability and reliability engineering practices and requirements.

3.1.6.1.1 Superintendent Instrumentation and Controls

Manage the activities of the Instrumentation and Controls Maintenance business unit. Provides long-range business unit planning that meets site financial objectives and technical requirements. Management of the Corrective, Preventive, and Outage Maintenance Programs for all plant instrumentation equipment to ensure that equipment functions properly and meet desired performance objectives.

3.1.6.1.2 Superintendent Electrical

Manage the activities of the Electrical Maintenance business unit. Provides long-range business unit planning that meets site financial objectives and technical requirements. Management of the Corrective, Preventive, and Outage Maintenance Programs for all plant electrical equipment to ensure that equipment functions properly and meet desired performance objectives.

3.1.6.1.3 Superintendent Mechanical

Manage the activities of the Mechanical Maintenance business unit. Provides long-range business unit planning that meets site financial objectives and technical requirements. Management of the Corrective, Preventive, and Outage Maintenance Programs for all plant mechanical equipment to ensure that equipment functions properly and meet desired performance objectives.

3.1.6.1.4 Manager CMO

Manage the Component Engineering functions to ensure the reliable and efficient performance of assigned plant equipment and components, in accordance with applicable requirements.

3.1.6.2 Senior Manager Radiation Protection

This position guides programs and activities at the plant ensuring that all operations, maintenance, modifications and engineering activities are conducted in a radiological safe manner and protect plant personnel, systems and equipment.

3.1.6.3 Senior Manager Chemistry and Environmental
This position guides programs and activities at the plant ensuring that all operations, maintenance, modifications, and engineering activities that potentially impact plant chemistry/environmental are conducted in a manner consistent with applicable requirements.

3.1.6.4 Director Work Management
This position provides overall responsibility for planning, coordination, scheduling and monitoring of all on line and outage work. Responsible for establishing work priorities and coordinating shift turnover; managing the plant scheduling processes; and ensuring efficient and effective management of the work control function.

3.1.6.5 Director Operations
This position provides responsibility for planning, organizing, and setting policy, and support activities. These activities include operational strategies for generation, water and waste usage, approval authority for system enhancements, and prioritization of maintenance activities.

3.1.6.5.1 Superintendent Operations
This position is responsible for plant operations. The superintendent, through the Shift Manager, manages the day-to-day operation of the facility, refueling operations, start-up, operational testing, water and waste processing, and plant operations. The shift crew for an operating unit normally consists of the Shift Manager, Unit Supervisor, Nuclear Unit Operators, and Assistant Unit Operators.

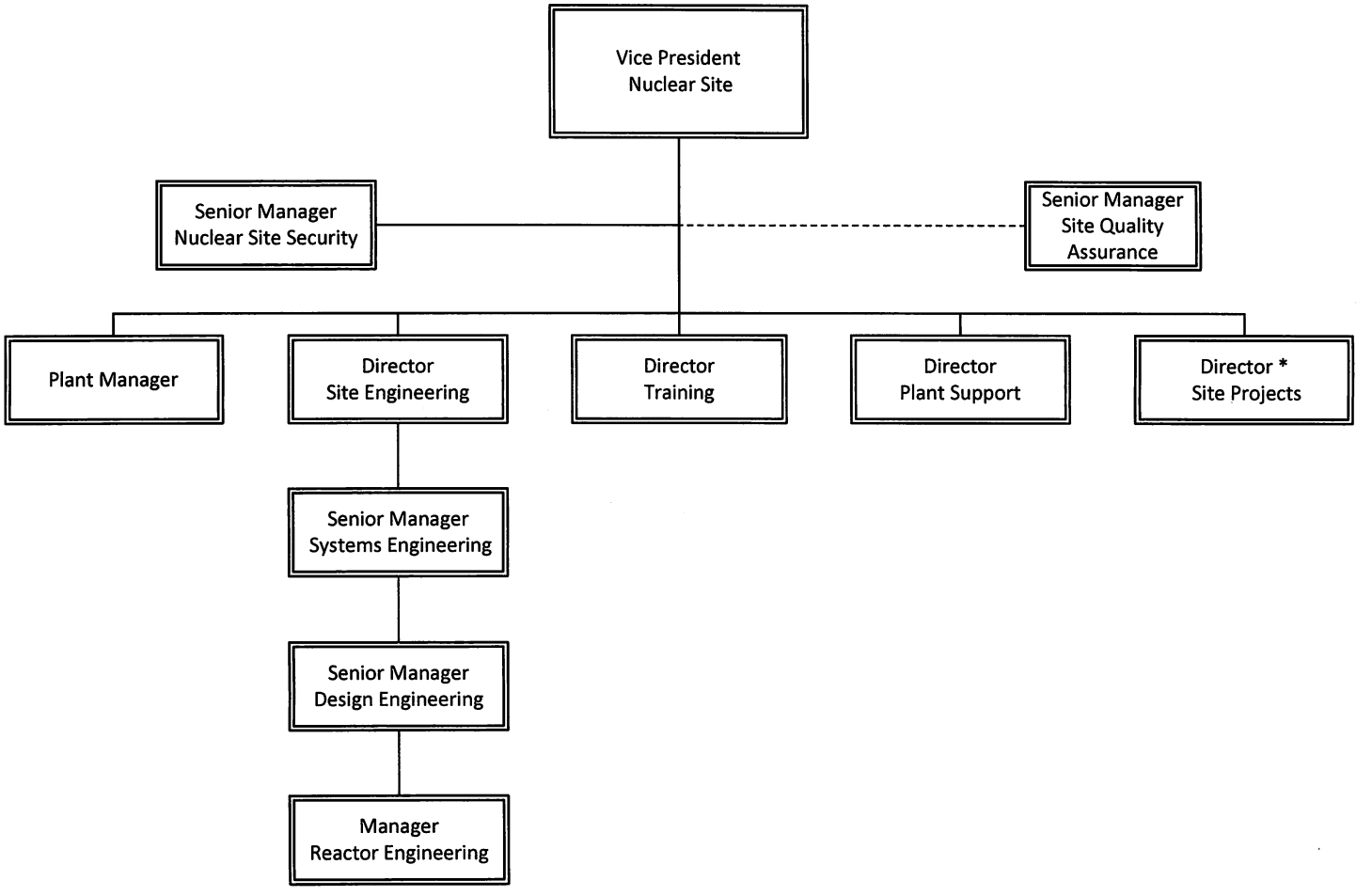
3.1.6.5.2 Superintendent Operations Support
This position is responsible for budget preparation, training oversight, performance monitoring, the Fire Protection Program and assists the Manager, Operations, in overall program direction for operations.

3.1.6.5.3 Superintendent Operations Outage Support
This position is responsible for all operations outage execution and preparation.

3.2 Vice President Operations Support

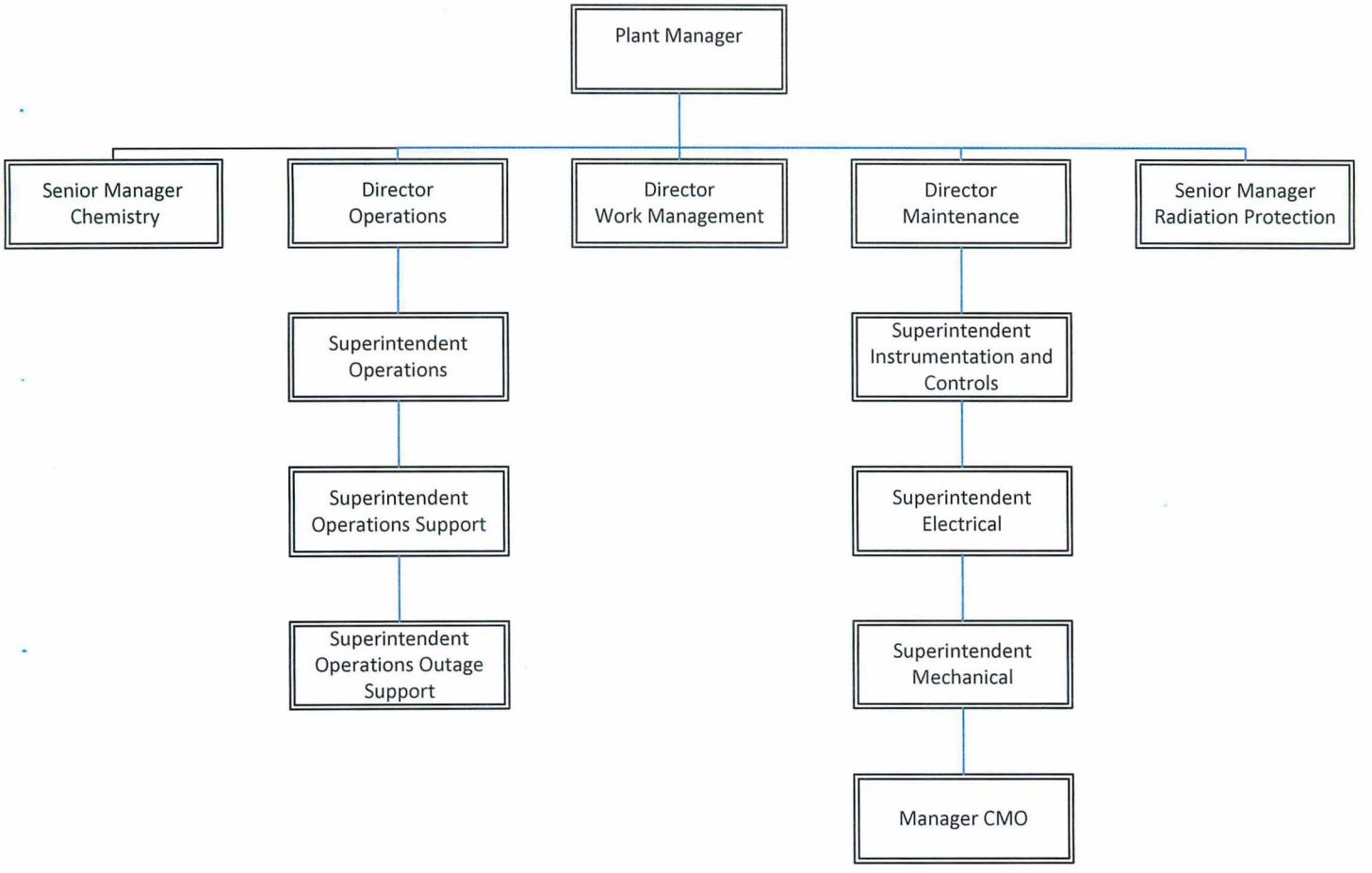
This position provides corporate governance of the various functional areas (maintenance, operations, radiation protection, chemistry, work control) for TVA's nuclear fleet in order to ensure consistency across sites. This position provides oversight and directs the Performance Improvement organization. This position is responsible for the nuclear training organization.

Figure 3: Site Vice President (Typical for Browns Ferry, Sequoyah, and Watts Bar Unit 1)



* Senior Manager at SQN and WBN

Figure 4: Plant Manager (Typical for Browns Ferry, Sequoyah, and Watts Bar Unit 1)



4.0 Senior Vice President Watts Bar Operations and Construction:
This position is responsible for oversight and direction of all Watts Bar Nuclear Plant activities, including WBN Unit 1 operations, construction and completion of WBN Unit 2 and transition and integration activities in preparation for dual unit operations. The Nuclear Construction (NC) organization is responsible for the construction and completion of WBN Unit 2. Responsibilities include development and communication of business elements to determine the value of TVA's unfinished assets and establishing strategies and plans for how they can best be used to meet future needs, governance and oversight of Licensing activities for NC, governance and oversight of all activities for the WBN U2 restart. Ensures all managed activities are conducted in accordance with appropriate TVA and external regulations and policies. This position's direct reports and administrative areas of responsibility are provided in Figure 5.

4.1 Site Vice President Watts Bar Nuclear
This position is responsible and accountable for activities at the site including operations, modifications, maintenance, support, training, and engineering services. This position, in conjunction with the Director WBN Unit 2, is also responsible for thorough coordination and integration of activities with the operating unit in compliance with Applicable requirements. The Site Vice President's direct reports and functional reporting relationships are consistent with the organizational structure for BFN and SQN described in section 4.1.

4.2 General Manager Watts Bar Unit 2 Start Up
This position manages the activities associated with the start-up of WBN Unit 2 and reports to the Senior Vice President Nuclear Operations and Construction. The position specifically provides operational oversight of all activities for the WBN Unit 2 completion including construction, operations, engineering, maintenance, cost scheduling, procurement, licensing and pre-op startup and that all systems are fully integrated with the operating unit in compliance with Nuclear Power Group policies and procedures, plant Technical Specifications and federal, state and local regulations..

4.3 Director Watts Bar Licensing
This position provides the primary interface with the NRC. In that capacity, all activities related to achieving a Safety Analysis Report and Final Environmental Impact Statement in support of an Operating License are performed by this organization. In addition, selected activities supporting integration of the Watts Bar Unit 1 and Unit 2 Licensing Basis are also performed by this organization.

4.4 Vice President Watts Bar Unit 2 Projects

This position provides general management oversight of activities for the completion and integration of WBN Unit 2, including engineering cost, scheduling and pre-op startup to ensure safe and efficient completion of Unit 2. This includes thorough and complete coordination and integration with the WBN operating unit in compliance with TVA Nuclear policies and procedures, plant Technical Specification, and federal, state and local regulations.

4.5 Executive Director Watts Bar Unit 2 Completion

This position manages activities associated with the startup and completion of WBN Unit 2. The position provides general management and oversight of activities for Unit 2 completion, including construction and pre-operational startup testing ensuring that systems are fully functional and in compliance with TVA Nuclear policies and procedures, plant Technical Specifications, and federal, state, and local regulations.

4.6 Director Watts Bar Unit 2

This position provides management and oversight of activities to ensure safe and efficient completion of WBN Unit 2 including construction, operations, engineering, maintenance, project completion and pre-operational startup testing. This position, in conjunction with the Site Vice President, is also responsible for thorough coordination and integration of activities with the operating unit in compliance with Applicable requirements. This position's direct reports and administrative areas of responsibility are provided in Figure 6.

4.6.1 Manager Project Controls

This position is responsible for cost and scheduling functions in support of the Watts Bar Unit 2 completion project. This includes estimating, forecasting, trending/scope control and data analysis. The position is also responsible for coordination, scheduling and monitoring of all associated work activities including establishing work priorities, managing the project scheduling processes and ensuring efficient and effective management of the work control function. Other responsibilities include ensuring technical and programmatic cost requirements of the Nuclear Construction organizations.

4.6.2 Senior Manager Watts Bar Unit 2 Operations

This position directs WBN Unit 2 Operations, WBN Unit 2 Fire Protection, and WBN Unit 2 Work Control functions in order to ensure no impact to reliable and efficient generation to meet operations safety requirements; provide for sufficient qualified and licensed personnel to satisfy regulatory requirements; and design and implement process improvements to increase efficiency, effectiveness, and productivity while minimizing associated costs to improve competitiveness.

4.6.3 Senior Manager Completions and Startup

This position provides technical support and management of system completions, construction tasks, refurbishment and the start-up and test organizations for WBN Unit 2. This position is

responsible for the oversight of the development, coordination, and implementation of the pre-operational test program for the WBN Unit 2, per Regulatory Guide 1.68 "Initial Test Programs for Water-Cooled Nuclear Power Plants."

4.6.4 Senior Manager Site Construction
This position directs the Construction, Maintenance and Modifications, Planning, field engineering and Turbine Generator activities in support of the WBN Unit 2 construction project ensuring the managed activities are conducted in accordance with all applicable TVA policies, programs, and procedures; plant Technical Specifications; and regulations.

4.6.5 Senior Manager Watts Bar Unit 2 Engineering
This position is responsible for management of engineering scope for the WBN Unit 2 completion project including the establishment of the design basis, analytical methods, Engineering Design and Inspection functions on the project. This responsibility includes managing activities necessary for design basis reconciliation, design criteria development, analytical basis/start up programs developed and worked to closure, within budget, on schedule, in accordance with regulations and TVA policies and procedures. Also manages the project engineering activities, including management of multiple engineering (A/E) contractors, and coordinate engineering priorities with Licensing, Construction and Project Controls Managers to meet project objectives.

4.6.5.1 Manager Electrical/I&C Engineering
This position is responsible for management of electrical/I&C engineering scope for the WBN Unit 2 completion project including the establishment of the design basis, analytical methods, Engineering Design and Inspection functions on the project. This responsibility includes managing activities necessary for design basis reconciliation, design criteria development, analytical basis/start up programs developed and worked to closure, within budget, on schedule, in accordance regulations and TVA policies and procedures. Also manages the electrical/I&C project engineering activities, including management of multiple engineering (A/E) contractors, and coordinate engineering priorities with Licensing, Construction and Project Controls Managers to meet project objectives.

4.6.5.2 Senior Manager Mechanical/Nuclear Engineering
This position is responsible for management of mechanical engineering scope for the WBN Unit 2 completion project including the establishment of the design basis, analytical methods, Engineering Design and Inspection functions on the project. This responsibility includes managing activities necessary for design basis reconciliation, design criteria development, analytical basis developed and worked to

closure, within budget, on schedule, in accordance with regulations and TVA policies and procedures. Also manages the Mechanical project engineering activities, including management of multiple engineering (A/E) contractors, and coordinate engineering priorities with Licensing, Construction and Project Controls Managers to meet project objectives.

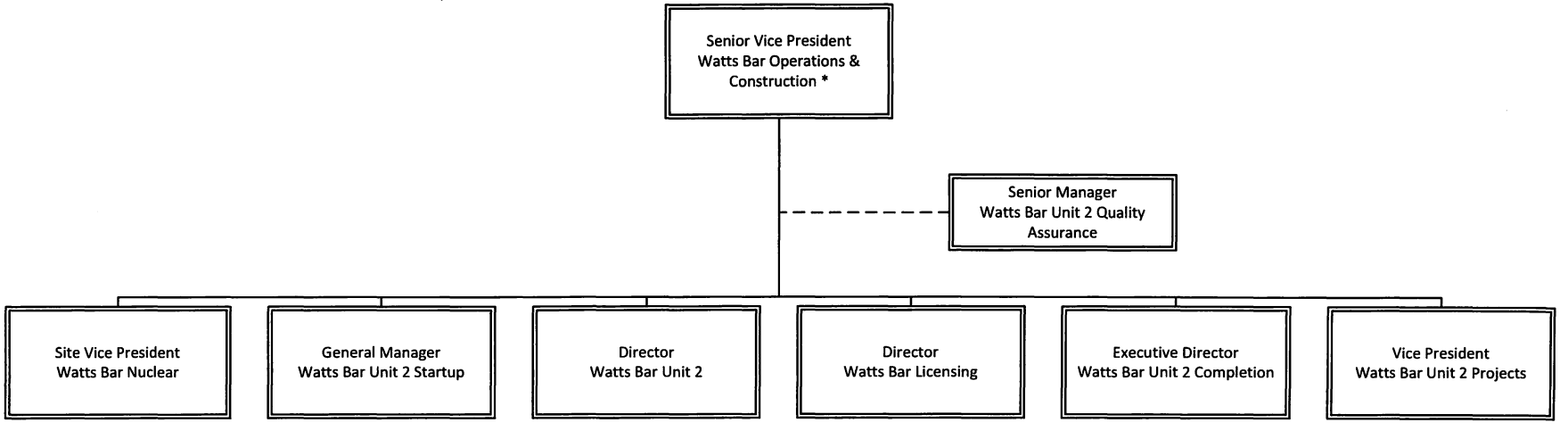
4.6.5.3 Manager Civil Engineering

This position is responsible for management of civil engineering scope for the WBN Unit 2 completion project including the establishment of the design basis, analytical methods and Engineering Design and Inspection functions on the project. This responsibility includes managing activities necessary for design basis reconciliation, design criteria development, analytical basis/start up programs developed and worked to closure, within budget, on schedule, in accordance with regulations and TVA policies and procedures. Also manages the civil project engineering activities, including management of multiple engineering (A/E) contractors, and coordinate engineering priorities with Licensing, Construction and Project Controls Managers to meet project objectives.

4.6.6 Senior Manager Watts Bar Unit 2 Quality Assurance

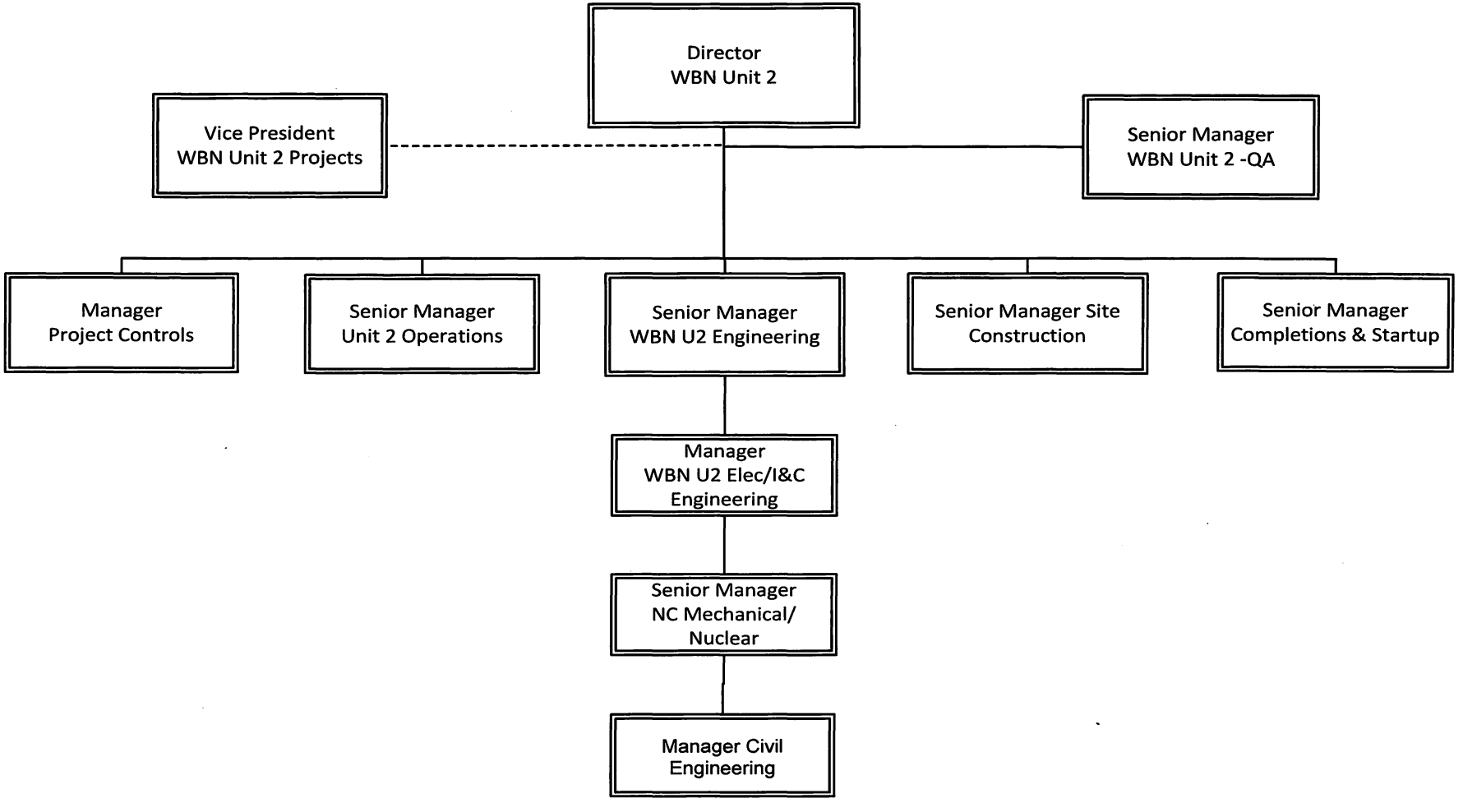
This position is a direct report to the Director WBN Unit 2 with a matrixed reporting relationship to the Senior Vice President Watts Bar Operations and Construction to ensure a level of independence. This position provides oversight of quality activities associated with the conduct of Watts Bar Unit 2 project activities to oversee and ensure that we comply with NQAP Program.

Figure 5: Senior Vice President Watts Bar Operations and Construction



*SVP reports to the President and CEO for Nuclear Construction

Figure 6: Director WBN Unit 2



Enclosure 2

List of Regulatory Commitments

List of Regulatory Commitments

1. TVA will provide a revised Organizational Topical Report (TVA-NPOD89-A) describing the WBN Unit 2 operating organization within 90 days of WBN Unit 2 commercial operation.