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| <b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b><br><br><b>OPERATIONS QUALITY ASSURANCE PLAN</b><br><br><b>ORGANIZATION</b> | NUMBER<br>Chapter 1.0    | REV.<br>NO.<br>9 |
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## 1.0 PURPOSE

- 1.1 The purpose of this chapter is to describe the organizational structure as related to quality assurance and to establish the responsibilities of organizations for the South Texas Project Electric Generating Station (STP).

## 2.0 SCOPE

- 2.1 STP Nuclear Operating Company (STPNOC), as licensee, has the Quality responsibility for design, engineering, procurement, fabrication, modification, maintenance, repair, in-service inspection, refueling, testing, and operation of the STP.
- 2.2 The requirements of this chapter are applicable for structures, systems, and components designated as "Full", "Targeted", or "Basic".

## 3.0 DEFINITIONS

- 3.1 None

## 4.0 REFERENCES

- 4.1 None

## 5.0 RESPONSIBILITIES

- 5.1 The STPNOC is comprised of Generation, Engineering & Technical Services, Business Services, and Safety and Quality Concerns Program. The senior management of these groups report to the President and Chief Executive Officer.

- 5.1.1 The President and Chief Executive Officer has overall responsibility for the implementation of the Operations Quality Assurance Program and approving the Operations Quality Assurance Plan (OQAP) and revisions thereto.

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5.1.2 The Vice President, Generation is responsible for implementing quality program requirements applicable to staffing STP with qualified personnel and acquiring and coordinating the assistance of internal and external organizations for the following functions including: plant management, operations support, outage and installation, and metrology & radiological laboratories. The senior management of these functions report to the Vice President, Generation.

5.1.2.1 The Plant Manager has prime responsibility for the safe operations of the units. The plant staff, under the direction of the Plant Management, develop detailed procedures and instructions for testing, operation, modification, and maintenance of the STP.

5.1.3 The Vice President, Engineering & Technical Services (E&TS) is responsible for implementing quality program requirements applicable to the following functions: design engineering and control, systems engineering, fuels & analysis, engineering support, quality & licensing, operating experience, risk management & industry relations, plant protection, and training functions. The senior management of these functions report to the Vice President, E&TS.

The Vice President, E&TS is responsible for the development, maintenance, and independent verification of implementation of the STP Quality Program; making periodic reports on its effectiveness; review of selected documents which control activities within its scope; and preparation, control, and approval of the OQAP and revisions thereto.

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The Vice President, E&TS is responsible for implementing quality program requirements applicable to corrective action, licensing, and independent oversight activities, and administration of the Nuclear Safety Review Board (NSRB).

The Vice President, E&TS has the authority to identify, initiate, recommend, or provide solutions to quality-related problems and verify the implementation and effectiveness of the solutions. This position has the independence to conduct Quality activities without undue pressure of cost or schedule.

5.1.3.1 The NSRB administratively reports to the senior management of the Risk Management & Industry Relations function. The NSRB functionally reports directly to and advises the President and Chief Executive Officer.

5.1.3.2 The senior management of the Quality & Licensing function is responsible for independent oversight activities, including audits, independent assessments, evaluations, surveillances, performance monitoring, inspections and independent oversight of NDE examinations.

5.1.3.3 The senior management of the Quality & Licensing function, at his discretion, reports directly to the President and Chief Executive Officer. During performance of independent oversight of activities relating to Licensing, the management of the Plant Support function, at his discretion, may report to the President and Chief Executive Officer.

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- 5.1.3.4 The senior management of the Quality & Licensing function has the authority to stop work for cause. This authority has been granted by the President and Chief Executive Officer. The Quality organization, including the inspection staff, is based upon the anticipated Quality involvement in operations, modification, and maintenance activities.
- 5.1.3.5 The senior management of the Risk Management & Industry Relations function is responsible for activities related to the Comprehensive Risk Management Program, including oversight of Probabilistic Safety Assessment activities. The senior management of the Risk Management & Industry Relations function also serves as the Graded Quality Assurance Expert Panel chairperson.
- 5.1.4 The Vice President, Business Services is responsible for implementing quality program requirements applicable to the following functions: human resources, planning & controls, projects & programs, contracts & steam generator replacement, information systems, emergency response and communications, records management services and administration, and purchasing and material management for STP. The senior management of these functions report to the Vice President, Business Services.
- 5.1.5 The Vice President and Special Assistant to the President and Chief Executive Officer is responsible for implementing quality program requirements applicable to this position.
- 5.1.6 The Director, Safety Quality Concerns Program (SQP), is responsible for implementing quality program requirements applicable to the SQP.

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## 6.0 REQUIREMENTS

6.1 The fundamental responsibility for implementing quality program requirements is assigned to all personnel performing activities affecting the safe and reliable operation of the STP. These personnel and their management are responsible for implementing through approved procedures and other work documents, the quality assurance program controls described in the OQAP.

6.2 Attachment 1 depicts the organizational structure of the STP as it relates to the implementation of the Operations Quality Assurance Plan. The structure reflects the reporting alignment for key functions. Line organizational details and responsibilities are further described in STP UFSAR Chapter 13.1.

## 7.0 DOCUMENTATION

7.1 None

## 8.0 ATTACHMENTS

8.1 Attachment 1 - STPNOC Organization

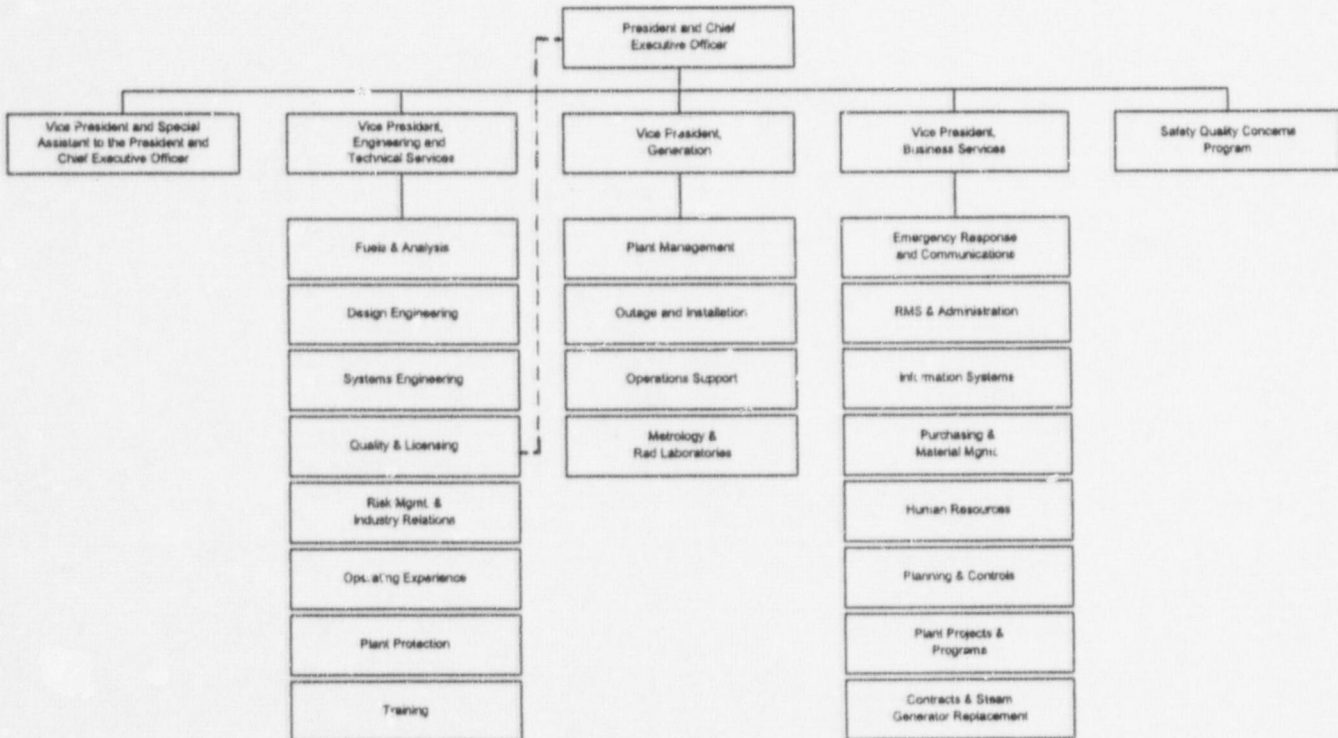
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# ATTACHMENT 1

## STPNOC ORGANIZATION





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## 1.0 PURPOSE

1.1 The purpose of this chapter is to describe the requirements and responsibilities for independent technical review for the South Texas Project Electric Generating Station (STPEGS).

## 2.0 SCOPE

2.1 This chapter describes the independent technical review activities within the scope of the Operations Quality Assurance Plan (OQAP).

## 3.0 DEFINITIONS

3.1 None

## 4.0 REFERENCES

- 4.1 OQAP Chapter 1.0, Organization
- 4.2 OQAP Chapter 2.0, Program Description
- 4.3 OQAP Chapter 4.0, Qualification, Training, and Certification of Personnel
- 4.4 OQAP Chapter 13.0, Deficiency Control
- 4.5 OQAP Chapter 14.0, Records Control
- 4.6 OQAP Chapter 15.0, Quality Oversight Activities

## 5.0 RESPONSIBILITIES

- 5.1 The Vice President, Engineering & Technical Services is responsible for implementing quality program requirements including independent technical review.
- 5.2 The senior management of the Quality & Licensing function is responsible for independent oversight activities performed to accomplish the independent technical reviews.

## 6.0 REQUIREMENTS

- 6.1 Independent oversight activities, as described in Reference 4.6, shall be performed in accordance with implementing procedures to ensure the completion of independent technical reviews.

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- 6.2 Independent technical reviews shall be used to observe and verify that activities are performed correctly and that human errors are reduced as much as practical.
- 6.3 Independent technical reviews shall include, but not be limited to, the following activities:
  - 6.3.1 Unit-operating characteristics
  - 6.3.2 Nuclear Regulatory Commission issuances
  - 6.3.3 Industry advisories
  - 6.3.4 Licensee Event Reports
  - 6.3.5 Other sources of unit design and operating experience information, including units of similar design, which may indicate areas for improving unit safety.
  - 6.3.6 Plant operations
  - 6.3.7 Maintenance activities
  - 6.3.8 Equipment modifications
- 6.4 As determined by Quality management, several personnel performing independent technical reviews will be required to have a degree in engineering or related science and at least 3 years of professional level experience in the nuclear field.
- 6.5 Personnel performing independent technical reviews should be independent of performance function, signoff function, and the plant management chain while performing this oversight activity.
- 6.6 The results of independent technical reviews will be periodically transmitted to appropriate line and senior management, the Nuclear Safety Review Board, and the President and Chief Executive Officer for review and/or action and advise management on the overall quality and safety of operations.
- 6.7 Conditions adverse to quality and recommendations identified during the performance of independent technical reviews shall meet the requirements of Reference 4.4

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7.0 DOCUMENTATION

7.1 Procedures which are generated as required by this chapter shall identify the records which are required to implement and document those activities. The records shall be controlled in accordance with Reference 4.5.

8.0 ATTACHMENTS

8.1 None

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