



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

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January 18, 2007  
NOC-AE-07002108  
File No.: G09.19  
10CFR50.54(a)  
STI: 32106335

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
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South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498 and STN 50-499  
Submittal of Operations Quality Assurance Plan Change QA-062

The STP Nuclear Operating Company (STPNOC) submits the attached change to revision 17 of the Operations Quality Assurance Plan (OQAP). These changes to the affected chapters of the Operations Quality Assurance Plan facilitate organization re-alignment. This change reflects changes to the organization for the operating units (1 & 2) and identifies additional organization alignment for the activities related to the proposed additional units (3 & 4).

This change does not reduce any element of or responsibilities for implementation of the QA program. This change therefore does not represent a reduction in commitment and does not require NRC approval prior to implementation in accordance with the provisions of 10CFR50.54(a)(3).

There are no commitments in this letter.

If there are any questions regarding this matter, please contact Mr. T. F. Walker at (361) 972-7392 or me at (361) 972-8434.

A handwritten signature in black ink, appearing to read 'J. J. Sheppard', is written above the printed name.

J. J. Sheppard  
President and Chief  
Executive Officer

Attachment: QA-062

Q004

cc:  
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SUMMARY OF CHANGES  
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ALL CHANGES ARE IN BOLD TYPE

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CHAPTER	LOCATION	ACTION	TEXT
TOC	CH 1.0	INSERT	<b>QA-062</b>
	CH 17.0	INSERT	<b>QA-062</b>
	CH 18.0	INSERT	<b>QA-062</b>
CH 1.0	5.1.	DELETE	<b>is comprised of Assistant to the President and Chief Executive Officer, Site Vice President/Plant General Manager, Oversight, Engineering, Financial Support, Station Support, and Safety &amp; Quality Concerns and President and Chief Executive Officer.</b>
		INSERT	<b>includes the Plant General Manager, Vice President Engineering &amp; Alliances, and the General Manager, Oversight, and Site Vice President. The Site Vice President reports to the President and Chief Executive Officer.</b>
	5.1.1	RENUMBER	<b>5.2</b>
	5.1.2	RENUMBER	<b>5.3</b>
	5.3 (new)	DELETE	<b>/Plant General Manager (2 places) and operations, maintenance, chemistry, health physics, and work management</b>
		INSERT	<b>plant general management, engineering &amp; alliances, and oversight</b>
	5.1.2.1	RENUMBER	<b>5.3.1</b>
	5.3.1 (new)	DELETE	<b>Site Vice President/ (2 places)</b>

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ALL CHANGES ARE IN BOLD TYPE

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CHAPTER	LOCATION	ACTION	TEXT
CH 1.0	5.3.2 (new)	INSERT	<b>The Plant General Manager is responsible for implementing quality program requirements applicable to the following functions including: operations, maintenance, chemistry, environmental, health physics, and work management. The senior management of these functions report to the Plant General Manager.</b>
	5.3.3 (new)	INSERT	<b>The Vice President Engineering &amp; Alliances is responsible for implementing quality program requirements applicable to the following functions including: fuels &amp; analysis, engineering (testing/programs, design engineering, systems engineering, maintenance engineering), alliances &amp; plant investment plan, and administrative support. The senior management of these functions report to the Vice President Engineering &amp; Alliances.</b>
	5.1.3	RENUMBER	<b>5.3.4</b>
	5.3.4 (new)	DELETE	<b>plant protection</b>
	5.3.4 (new)	INSERT	<b>including and security</b>
	5.1.3.1	RENUMBER	<b>5.3.4.1</b>
	5.1.3.2	RENUMBER	<b>5.3.4.2</b>
	5.3.4.2 (new)	DELETE	<b>his and has</b>
	5.3.4.2 (new)	INSERT	<b>General Manager Oversight and the (prior to Manager, Quality), their and have</b>

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CHAPTER	LOCATION	ACTION	TEXT
CH 1.0	5.1.3.3	RENUMBER	<b>5.3.4.3</b>
	5.3.4.3 (new)	CHANGE	<b>Quality Manager to Manager, Quality</b>
	5.1.3.4	RENUMBER	<b>5.3.4.4</b>
	5.1.4	RENUMBER	<b>5.4</b>
	5.4 (new)	DELETE	<b>The Vice President, Engineering &amp; Strategic Projects is responsible for implementing quality program requirements applicable to the following functions: fuels &amp; analysis, engineering (testing/programs, design engineering, systems engineering, maintenance engineering), projects &amp; alliance, and administrative support. and Vice President, Engineering</b>
	5.4 (new)	INSERT	<b>The STPNOC (Units 1 through 4) includes the Vice President &amp; Assistant to the President and Chief Executive Officer, General Manager &amp; Assistant to the President and Chief Executive Officer, Vice President Shared Services, and the Employee Concerns Program. and President and Chief Officer</b>
	5.4.1 (new)	INSERT	<b>The Vice President, Shared Services is responsible for implementing quality program requirements applicable to the following functions: supply chain, records management services and administration, and information technology. The senior management of these functions report to the Vice President, Shared Services.</b>

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CHAPTER	LOCATION	ACTION	TEXT
CH 1.0	5.1.5	DELETE	<b>The General Manager, Station Support is responsible for implementing quality program requirements applicable to the following functions: information technology and records management services and administration for STP. The senior management of these functions report to the General Manager, Station Support.</b>
	5.1.6	DELETE	<b>The General Manager, Financial Support is responsible for implementing quality program requirements applicable to the following functions: nuclear purchasing and material management activities. The senior management of this function reports to the General Manager, Financial Support.</b>
	5.2	RENUMBER	<b>5.5</b>
	5.5 (new)	DELETE	<b>is comprised of and and (between “Affairs” and “the”)</b>
	5.5 (new)	INSERT	<b>includes the and and Manager Support Services</b>
	5.2.1	RENUMBER	<b>5.5.1</b>
	5.2.2	RENUMBER	<b>5.5.2</b>
	5.2.2.1	RENUMBER	<b>5.5.2.1</b>
	5.2.2.2	RENUMBER	<b>5.5.2.2</b>
	5.2.2.3	RENUMBER	<b>5.5.2.3</b>

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<b>CHAPTER</b>	<b>LOCATION</b>	<b>ACTION</b>	<b>TEXT</b>
CH 17.0	5.1	DELETE	<b>Site Vice President/</b>
	5.2	DELETE	<b>Strategic Projects (2 places)</b>
	5.2	INSERT	<b>Alliances (2 places)</b>
CH 18.0	5.1	DELETE	<b>Strategic Projects (2 places)</b>
	5.1	INSERT	<b>Alliances (2 places)</b>

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>		<b>NUMBER</b>	<b>REV. NO.</b>
<b>OPERATIONS QUALITY ASSURANCE PLAN</b>		<b>Chapter</b>	<b>17</b>
<b>TABLE OF CONTENTS</b>		<b>TABLE OF CONTENT</b>	
		<b>PAGE 1 OF 2</b>	
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Chapter Number	Title Chapter	Effective Revision	Effective Date	Change Notice No.
	Definitions	9	2-1-02	
1.0	Organization	13	2-1-06	QA-060, 061, 062
2.0	Program Description	15	2-1-06	QA-060, 061
3.0	Conduct of Plant Operations	7	2-1-98	
4.0	Qualification, Training, and Certification of Personnel	6	2-1-98	
5.0	Maintenance, Installation of Modifications, and Related Activities	5	2-1-98	
6.0	Design and Modification Control	9	2-1-06	
7.0	Procurement	10	2-1-06	QA-060, 061
8.0	Control and Issuance of Documents	6	2-1-98	
9.0	Control of Material	6	2-1-98	
10.0	Inspection	10	2-1-06	QA-061
11.0	Test Control	7	2-1-00	QA-060, 061
12.0	Instrument and Calibration Control	6	2-1-98	
13.0	Control Of Conditions Adverse to Quality	11	2-1-06	QA-061
14.0	Records Control	8	2-1-06	
15.0	Quality Oversight Activities	10	2-1-06	QA-060, 061



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Chapter Number	Title Chapter	Effective Revision	Effective Date	Change Notice No.
16.0	Independent Technical Review	9	2-01-06	QA-060, 061
17.0	ASME Code Section XI - Repairs and Replacements	7	2-01-06	QA-060, 061, 062
18.0	ASME Code Section XI - Inservice Inspection and Testing	8	2-01-06	QA-061, 062
19.0	Administrative Controls	2	2-01-06	QA-060

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  <b>OPERATIONS QUALITY ASSURANCE PLAN</b>  <b>ORGANIZATION</b>	<b>NUMBER</b> <b>Chapter</b> <b>1.0</b>	<b>REV.</b> <b>NO.</b> <b>13</b>
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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.

3.0 DEFINITIONS

- 3.1 None

4.0 REFERENCES

- 4.1 None

5.0 RESPONSIBILITIES

- 5.1 The STPNOC (Units 1 & 2) includes the Plant General Manager, Vice President Engineering & Alliances, and the General Manager, Oversight. The senior management of these groups report to the Site Vice President. The Site Vice President reports to the President and Chief Executive Officer.
- 5.2 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. The President and Chief Executive Officer shall designate those members of senior management to function as the Senior Management Team.
- 5.3 The Site Vice President 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 general management, engineering & alliances, and oversight. The senior management of these functions report to the Site Vice President.

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

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5.3.2 The Plant General Manager is responsible for implementing quality program requirements applicable to the following functions including: operations, maintenance, chemistry, environmental, health physics, and work management. The senior management of these functions report to the Plant General Manager.

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5.3.3 The Vice President Engineering & Alliances is responsible for implementing quality program requirements applicable to the following functions including: fuels & analysis, engineering (testing/programs, design engineering, systems engineering, maintenance engineering), alliances & plant investment plan, and administrative support. The senior management of these functions report to the Vice President Engineering & Alliances.

5.3.4 The General Manager, Oversight is responsible for implementing quality program requirements applicable to the following functions including: licensing, quality, risk management, emergency preparedness, access authorization, performance improvement, training, and security. The senior management of these functions report to the General Manager, Oversight.

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5.3.4.1 The Manager, Quality has the independence to conduct Quality activities without undue pressure of cost or schedule and is responsible for the following:

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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;

Identify, initiate, recommend, or provide solutions to quality-related problems and verify the implementation and effectiveness of the solutions; and

Independent oversight activities, including audits, independent assessments, evaluations, surveillances, performance monitoring, inspections, independent oversight of NDE

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examinations, and administration of organizational unit independent review activities.

- 5.3.4.2 General Manager, Oversight and the Manager, Quality, at their discretion, have unfettered access to the President and Chief Executive Officer and the Board of Directors.
- 5.3.4.3 The General Manager, Oversight and the Manager, Quality have 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.
- 5.3.4.4 The Manager, Risk Management is responsible for activities related to the Comprehensive Risk Management Program, including oversight of Probabilistic Safety Assessment activities. The Comprehensive Risk Management Expert Panel guides the implementation of the Comprehensive Risk Management Program and is composed of a Chairman and additional senior level management designated by the President and Chief Executive Officer.
- 5.4 The STPNOC (Units 1 through 4) includes the Vice President & Assistant to the President and Chief Executive Officer, General Manager & Assistant to the President and Chief Executive Officer, Vice President Shared Services, and the Employee Concerns Program. The senior management of these functions report to the President and Chief Executive Officer.
- 5.4.1 The Vice President, Shared Services is responsible for implementing quality program requirements applicable to the following functions: supply chain, records management services and administration, and information technology. The senior management of these functions report to the Vice President, Shared Services.

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5.5 The STPNOC (Units 3 & 4) includes the Vice President, Oversight & Regulatory Affairs, the Vice President Engineering & Construction, and Manager Support Services. The senior management of these groups report to the Group Vice President. The Group Vice President reports to the President and Chief Executive Officer.

5.5.1 The Group Vice President is responsible for implementing quality program requirements applicable to the overall efforts associated with the activities related to Early Site Permit/Construction Operating License.

5.5.2 The Vice President, Oversight & Regulatory Affairs is responsible for implementing quality program requirements applicable to activities associated with licensing and independent oversight.

5.5.2.1 The Vice President, Oversight & Regulatory Affairs has the independence to conduct Quality activities without undue pressure of cost or schedule and is responsible for the following:

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;

Identify, initiate, recommend, or provide solutions to quality-related problems and verify the implementation and effectiveness of the solutions; and

Independent oversight activities, including audits, independent assessments, evaluations, surveillances, performance monitoring.

5.5.2.2 The Vice President, Oversight & Regulatory Affairs at his discretion, has unfettered access to the President and Chief Executive Officer and the Board of Directors.

5.5.2.3 The Group Vice President and the Vice President, Oversight & Regulatory Affairs have the authority to stop work for cause. This authority has been granted by the President and Chief Executive Officer.

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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. Line organizational details and responsibilities for Units 1 & 2 are further described in STP UFSAR Chapter 13.1.

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7.0 DOCUMENTATION

7.1 None

8.0 ATTACHMENTS

8.1 None

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  <b>OPERATIONS QUALITY ASSURANCE PLAN</b>  ASME CODE SECTION XI - REPAIRS AND REPLACEMENTS	<b>NUMBER</b> Chapter 17.0	<b>REV. NO.</b> 7
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1.0 PURPOSE

1.1 The purpose of this chapter is to prescribe requirements and responsibilities for repair and replacement activities governed by ASME Boiler and Pressure Vessel Code, Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components.

2.0 SCOPE

2.1 This chapter is applicable to examination, repair and replacement activities performed on ASME Class 1, 2, 3, CC, and MC components.

3.0 DEFINITIONS

3.1 None

4.0 REFERENCES

4.1 ASME Code Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components

4.2 OQAP Chapter 14.0, Records Control

4.3 Generic Letter 89-009, ASME Section III Component Replacements

5.0 RESPONSIBILITIES

5.1 The Plant General Manager is responsible for the planning, management, and control of the performance of repairs, replacements and tests.

5.2 The Vice President, Engineering & Alliances is responsible for developing the repair and replacement program including specifications for design, fabrication, testing, and examination. The Vice President, Engineering & Alliances is responsible for providing qualified personnel to perform examinations of component repairs and replacements and verifying the requirements of this chapter are implemented.

6.0 REQUIREMENTS

6.1 Repair and replacement activities required by Reference 4.1 shall be conducted in accordance with written and approved procedures or instructions.

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<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  <b>OPERATIONS QUALITY ASSURANCE PLAN</b>  <b>ASME CODE SECTION XI - REPAIRS AND REPLACEMENTS</b>	<b>NUMBER</b> <b>Chapter</b> <b>17.0</b>	<b>REV.</b> <b>NO.</b> <b>7</b>
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Areas to be addressed include:

- 6.1.1 Accessibility for component examination, repair or replacement.
- 6.1.2 Identification of system boundaries and code class for each component.
- 6.1.3 The method for interfacing with the authorized nuclear inspection agency.
- 6.1.4 Qualification of nondestructive examination methods.
- 6.1.5 Qualification requirements for nondestructive examination personnel.
- 6.1.6 Qualification requirements for welders and welding operators.
- 6.1.7 Qualification of welding procedures.
- 6.1.8 Conduct of examinations and inspections.
- 6.1.9 A component repair or replacement package including installation and test procedures and quality assurance requirements.
- 6.1.10 Conduct of system pressure and functional tests.
- 6.1.11 A component replacement package including specifications for design, fabrication and examination as applicable for the replacements.
- 6.1.12 Preparation, submittal and retention of required records and reports.
- 6.1.13 Procurement, in accordance with Reference 4.3, of component replacements not available in full compliance with ASME code stamping and documentation requirements.

## 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 4.2.

## 8.0 ATTACHMENTS

- 8.1 None



<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  <b>OPERATIONS QUALITY ASSURANCE PLAN</b>  <b>ASME CODE SECTION XI - INSERVICE INSPECTION AND TESTING</b>	<b>NUMBER</b> <b>Chapter</b> <b>18.0</b>	<b>REV. NO.</b> <b>8</b>
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1.0 PURPOSE

1.1 The purpose of this chapter is to prescribe requirements and responsibilities for the inservice examination and testing programs at the South Texas Project Electric Generating Station (STPEGS).

2.0 SCOPE

2.1 This chapter applies to the inservice examination and testing of Class 1, 2, 3, CC, and MC pressure retaining components and component supports as specified in Section XI of the ASME Boiler and Pressure Vessel Code and additional ISI commitments as specified in the UFSAR.

3.0 DEFINITIONS

3.1 None

4.0 REFERENCES

- 4.1 ASME Code Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components
- 4.2 10CFR50.55a, Codes and Standards
- 4.3 OQAP Chapter 4.0, Qualification, Training and Certification of Personnel
- 4.4 OQAP Chapter 14.0, Records Control

5.0 RESPONSIBILITIES

5.1 The Vice President, Engineering & Alliances is responsible for developing and implementing the inservice examination and testing programs as required by ASME Code Section XI. The Vice President, Engineering & Alliances is responsible for verifying the implementation of the inservice examination and testing programs through appropriate quality oversight activities, interfacing with the Authorized Inspection Agency, and performance of nondestructive examinations as requested.

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## 6.0 REQUIREMENTS

6.1 The inservice examination and testing programs consist of plans and implementing procedures for the examination and testing of Class 1, 2, 3, CC, and MC pressure retaining components and their supports and the inservice testing of Class 1, 2, and 3 pumps and valves.

### 6.1.1 Examination and Testing of Pressure Retaining Components and Component Supports

6.1.1.1 Engineering shall develop plans for examination and testing of Class 1, 2, 3, CC, and MC components and their supports. These plans shall prescribe the requirements for nondestructive examinations and tests and the schedule for their performance.

6.1.1.2 Inspection plans (e.g., specifications, vendor documents, etc.) shall be developed which identify the nature and extent of examination and testing activities including the acceptance criteria which must be met.

6.1.1.3 Procedures shall be developed which provide measures for the performance of activities identified in the plans.

### 6.1.2 Inservice Testing of Pumps and Valves and System Pressure Testing

6.1.2.1 Engineering shall develop the Inservice Testing Program for pumps and valves and the System Pressure Testing Program. These programs shall include the requirements and the schedule for their performance.

6.1.3 Examination and test results shall be evaluated by specified personnel and verified by the Authorized Nuclear Inservice Inspector.

6.1.4 Coordination of involved STP Nuclear Operating Company (STPNOC) departments, including the use of contractors for the performance, documentation and evaluation of inservice inspection activities, shall be controlled by approved procedures.

6.1.5 When contractors are used to perform activities within the scope of this section, their quality assurance program shall be approved by STPNOC.

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- 6.1.6 Exceptions to code examination and testing requirements shall be documented in accordance with Reference 4.2.
- 6.1.7 Personnel performing examinations and tests shall be qualified as required by Reference 4.1 and Reference 4.3.
- 6.1.8 Plans and reports for inservice examinations and tests shall be submitted to the appropriate regulatory and enforcement authorities as required by Section XI.

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 4.4.

8.0 ATTACHMENTS

- 8.1 None