



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

October 26, 2005
NOC-AE-05001944
10 CFR 50.54(a)

U. S. Nuclear Regulatory Commission
Attn: 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-059

Reference: Letter, J. J. Sheppard to Document Control Desk, "Submittal of Operations Quality Assurance Plan Change QA-057," dated February 28, 2005 (NOC-AE-05001855, ML050660379)

STP Nuclear Operating Company submits the attached change to the Operations Quality Assurance Plan (OQAP). QA-059 revises the OQAP to reflect an organizational realignment made effective on October 1, 2005 in which the Design Engineering Department reports to the Manager, Plant Engineering. QA-059 also corrects an oversight in the referenced letter, which should have revised "Engineering & Technical Services" to read "Engineering" in Chapter 18, Sections 6.1.1.1 and 6.1.2.1.

QA-059 does not reduce any element of or responsibilities for implementation of the QA Program. Therefore, this change does not represent a reduction in commitment and does not require NRC approval prior to implementation in accordance with 10 CFR 50.54(a)(3).

There are no commitments in this letter.

If there are any questions regarding QA-059, please contact Mark McBurnett at (361) 972-7206.

A handwritten signature in black ink, appearing to read "J. J. Sheppard".

for J. J. Sheppard
President and Chief Executive Officer

jtc/

Attachment: QA-059

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cc:

(paper copy)

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CHANGE QA-059
SUMMARY OF CHANGES
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ALL CHANGES ARE IN BOLD TYPE

CHAPTER	LOCATION	ACTION	TEXT
TOC	CH 1.0	INSERT	QA-059
	CH 18.0	INSERT	QA-059
CH 1.0	5.1.4	DELETE	design engineering
		INSERT	engineering projects
		CHANGE	nuclear fuels & safety analysis to fuels & analysis
CH 18.0	6.1.1.1	DELETE	& Technical Services
	6.1.2.1	DELETE	& Technical Services

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1.0	Organization	12	2-1-04	QA-057, QA-059
2.0	Program Description	14	2-1-04	QA-056,QA-057
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	8	2-1-02	QA-058
7.0	Procurement	9	2-1-02	QA-057
8.0	Control and Issuance of Documents	6	2-1-98	
9.0	Control of Material	6	2-1-98	
10.0	Inspection	9	2-1-02	QA-057
11.0	Test Control	7	2-1-00	
12.0	Instrument and Calibration Control	6	2-1-98	
13.0	Control Of Conditions Adverse to Quality	10	2-1-02	QA-057
14.0	Records Control	7	2-1-02	QA-057
15.0	Quality Oversight Activities	9	2-1-04	QA-057

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16.0	Independent Technical Review	8	2-01-04	QA-057
17.0	ASME Code Section XI - Repairs and Replacements	6	2-01-00	QA-057
18.0	ASME Code Section XI - Inservice Inspection and Testing	7	2-01-00	QA-057, QA-059
19.0	Administrative Controls	1	2-01-04	QA-056, QA-057

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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 is comprised of Generation, Oversight, Engineering, Finance, and Support. 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. The President and Chief Executive Officer shall designate those members of senior management to function as the Senior Management Team.

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: generation support, operations, maintenance, chemistry, health physics, and work management. The senior management of these functions report to the Vice President, Generation.

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5.1.2.1 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.

5.1.3 The Vice President, Oversight is responsible for implementing quality program requirements applicable to the following functions: nuclear safety assurance, performance improvement, training, plant protection, and employee concerns. The senior management of these functions report to the Vice President, Oversight.

5.1.3.1 The Manager, Nuclear Safety Assurance 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, inspections, independent oversight of NDE examinations, and administration of organizational unit independent review activities.

5.1.3.2 The Manager, Nuclear Safety Assurance, at his discretion, has unfettered access to the President and Chief Executive Officer and the Board of Directors. During performance of independent oversight of activities where a conflict of interest could exist for the Manager, Nuclear Safety Assurance, the Quality Manager, at his discretion, may report to the President and Chief Executive Officer or the Board of Directors.

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5.1.3.3 The Manager, Nuclear Safety Assurance and the Quality Manager 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.

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5.1.3.4 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.

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5.1.4 The Vice President, Engineering is responsible for implementing quality program requirements applicable to the following functions: fuels & analysis, plant engineering, engineering projects, and administrative support. The senior management of these functions report to the Vice President, Engineering

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5.1.5 The General Manager, 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, Support.

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5.1.6 The General Manager, Finance is responsible for implementing quality program requirements applicable to the following function: nuclear purchasing and material management activities. The senior management of this function reports to the General Manager, Finance.

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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 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

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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 is responsible for developing and implementing the inservice examination and testing programs as required by ASME Code Section XI. The Vice President, Engineering 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.

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- 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.

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- 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