

TEXAS UTILITIES GENERATING CO CPSES	PROCEDURE NUMBER	REVISION	ISSUE DATE	PAGE
	CP-QP-2.0	1	10-9-79	1 of 2

IMPLEMENTATION OF THE  
CPSES QA PROGRAM

PREPARED BY:

*[Signature]*

10/8/79  
DATE

APPROVED BY:

*[Signature]*

10/9/79  
DATE

*CONTROLLED COPY*

1.0 REFERENCES

- 1-A TUGCO/TUSI CPSES QA Plan
- 1-B Brown & Root Quality Assurance Manual
- 1-C TUGCO Quality Procedure Manual
- 1-D Brown & Root Quality Assurance Procedures Manual
- 1-E Brown & Root Non Destructive Examination Procedure Manual

*Control # - M-002*

*ci*  
*9/12/84*

2.0 GENERAL

This document describes procedures that have been prepared for implementation of the CPSES Quality Assurance Program as defined in Reference 1-A.

3.0 PROCEDURE

3.1 B&R CONSTRUCTION PROCEDURES

Construction procedures implement applicable Quality Assurance criteria defined in References 1-A and 1-B and establish construction methods and techniques to assure compliance with engineering requirements. Basic procedures also outline QA or QC interfaces and construction operations necessary to assure satisfactory completion of the CPSES project in accordance with code and regulatory requirements. These procedures are prepared by construction personnel and are reviewed by appropriate QA/QC personnel for compliance to project requirements prior to issue.

851106041B B51016  
PDR FOIA  
GARDES5-59 PDR

TEXAS UTILITIES GENERATING CO. CPSES	PROCEDURE NUMBER	REVISION	ISSUE DATE	PAGE
	CP-QP-2.0	1	10-9-79	2 of 2

### 3.2 TUGCO AND B&R QUALITY PROCEDURES

Reference 1-C contains procedures describing QA/QC functions that are the direct responsibility of TUGCO. Reference 1-D contains procedures implementing QA/QC functions that have been delegated to Brown & Root. Exceptions to this procedure development concept include areas such as receipt inspection and NDE functions which are described within References 1-D and 1-E. These procedures are prepared by QA/QC personnel and reviewed internally for compliance to project requirements prior to issue.

### 3.3 TUSI TECHNICAL PROCEDURES

These procedures implement basic requirements in the area of Design Change Control, Engineering review of nonconforming conditions and other areas that have been delegated to TUSI. These procedures are prepared by personnel assigned to TUSI's staff and are reviewed internally for compliance to project requirements prior to issue. QA Staff personnel participate in the procedure preparation phase as necessary to assure compliance with applicable Quality Assurance Criterion.

### 3.4 SUBCONTRACTED EFFORTS

Project purchase orders/subcontracts define applicable QA/QC criteria for efforts subcontracted by TUSI or Brown & Root. First level control of these activities is normally accomplished by the selected subcontractor with QA Staff personnel involved in Audit or Surveillance functions. At the option of the TUGCO Site QA Supervisor, first level control of subcontracted efforts at the CPSES Site, may also be accomplished by the Site QA/QC Staff.

TEXAS UTILITIES GENERATING CO CPSES	PROCEDURE NUMBER	REVISION	ISSUE DATE	PAGE
	CP-QP-2.0	1	10-9-79	1 of 2
IMPLEMENTATION OF THE CPSES QA PROGRAM	PREPARED BY: <u>BJ Sloan</u> <u>10/8/79</u> DATE			
	APPROVED BY: <u>DN Chapman</u> <u>10/9/79</u> DATE			

## FOR INFORMATION ONLY

### 1.0 REFERENCES

- 1-A TUGCO/TUSI CPSES QA Plan
- 1-B Brown & Root Quality Assurance Manual
- 1-C TUGCO Quality Procedure Manual
- 1-D Brown & Root Quality Assurance Procedures Manual
- 1-E Brown & Root Non Destructive Examination Procedure Manual

### 2.0 GENERAL

This document describes procedures that have been prepared for implementation of the CPSES Quality Assurance Program as defined in Reference 1-A.

### 3.0 PROCEDURE

#### 3.1 B&R CONSTRUCTION PROCEDURES

Construction procedures implement applicable Quality Assurance criteria defined in References 1-A and 1-B and establish construction methods and techniques to assure compliance with engineering requirements. Basic procedures also outline QA or QC interfaces and construction operations necessary to assure satisfactory completion of the CPSES project in accordance with code and regulatory requirements. These procedures are prepared by construction personnel and are reviewed by appropriate QA/QC personnel for compliance to project requirements prior to issue.

*End 09/11/84 @CA*

TEXAS UTILITIES GENERATING CO CPSES	PROCEDURE NUMBER	REVISION	ISSUE DATE	PAGE
	CP-QP-2.0	1	10-9-79	2 of 2

### 3.2 TUGCO AND B&R QUALITY PROCEDURES

Reference 1-C contains procedures describing QA/QC functions that are the direct responsibility of TUGCO. Reference 1-D contains procedures implementing QA/QC functions that have been delegated to Brown & Root. Exceptions to this procedure development concept include areas such as receipt inspection and NDE functions which are described within References 1-D and 1-E. These procedures are prepared by QA/QC personnel and reviewed internally for compliance to project requirements prior to issue.

### 3.3 TUSI TECHNICAL PROCEDURES

These procedures implement basic requirements in the area of Design Change Control, Engineering review of nonconforming conditions and other areas that have been delegated to TUSI. These procedures are prepared by personnel assigned to TUSI's staff and are reviewed internally for compliance to project requirements prior to issue. QA Staff personnel participate in the procedure preparation phase as necessary to assure compliance with applicable Quality Assurance Criterion.

### 3.4 SUBCONTRACTED EFFORTS

Project purchase orders/subcontracts define applicable QA/QC criteria for efforts subcontracted by TUSI or Brown & Root. First level control of these activities is normally accomplished by the selected subcontractor with QA Staff personnel involved in Audit or Surveillance functions. At the option of the TUGCO Site QA Supervisor, first level control of subcontracted efforts at the CPSES Site, may also be accomplished by the Site QA/QC Staff.