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TEXAS UTILITIES GENERATING CO

PROCEDURE
NUMBER

REVISION

ISSUE
DATE

PAGE

CP-QP-19.2

0

MAY 15 1981

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PREPARED BY

[Signature]

5-5-81
DATE

SURVEILLANCE
OF PIPING ERECTION

APPROVED BY:

[Signature]

5/15/81
DATE

1.0 REFERENCES

1-A MS-100, "Piping Erection Specification"

1-B CP-QP-16.0, "Nonconformances and Deficiencies"

1-C CP-QP-17.0, "Corrective Action"

2.0 GENERAL

2.1 PURPOSE AND SCOPE

The purpose of this procedure is to describe the methods utilized by Construction Quality Assurance in performance of surveillance to assure that safety related and Seismic Category 1 Piping is being installed within design tolerances as reflected in Reference 1-A and applicable design drawings.

3.0 PROCEDURE

3.1 SELECTION OF SAMPLE SIZE

The TUGCO Quality Assurance Specialist Supervisor shall select a sample of pipe spools from the list of installed spools prepared by the B&R Piping Superintendent.

NOTE: The size of sample and the frequency of the surveillance shall be as directed by the TUGCO Site Quality Assurance Supervisor.

3.2 FIELD VERIFICATION

Field Engineering shall determine actual location of the piping in the sample selected by the Quality Assurance Specialist Supervisor.

The Quality Assurance Specialist shall monitor the activities of the Field Engineering Group and review their records to determine if an out-of-tolerance condition exists.

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3.3 DOCUMENTATION

Actual location shall be recorded on the marked up flow diagram. In the event that an established bench mark is not used, the number of the Field Engineering Log Book shall be entered on the Piping Erection Surveillance Form, Attachment 1. The Quality Assurance Specialist shall complete Attachment 1 indicating results of the random surveillance. The marked up flow diagram shall be attached to the Piping Erection Surveillance Form and forwarded to the Permanent Plant Records Vault for retention.

3.4 NONCONFORMANCES

Out-of-tolerance conditions shall be reported in accordance with Reference 1-B.

3.5 CORRECTIVE ACTION

The QA Specialist Supervisor shall review the surveillance results and recommend required corrective action per the provisions of Reference 1-C.

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ATTACHMENT 1

PIPING ERECTION SURVEILLANCE FORM

DESCRIPTION OF PIPING INSPECTED (LINE NO., PIECE NO(S).) _____

DATE OF SURVEILLANCE _____

DRAWING NO. AND REVISION OF ATTACHED FLOW DIAGRAM(S) _____

DESCRIPTION OF OUT OF TOLERANCE CONDITIONS _____

QA SPECIALIST

DATE