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STRUCTURAL STEEL INSPECTION ACTIVITIES	PREPARED BY: <u>Michael D. Nimmer</u> <u>8-10-83</u> DATE			
	APPROVED BY: <u>[Signature]</u> <u>8/11/83</u> DATE			

- 1.0 REFERENCES
- 1-A G&H Specification SS-16B, "Structural Steel"
- 1-B G&H Specification SS17, "Miscellaneous Steel"
- 1-C AWS D1.1-75, "Structural Welding Code"
- 1-D CCP-21, "Fabrication of Miscellaneous Steel"
- 1-E CP-QP-2.1, "Training of Inspection Personnel"
- 1-F CP-QP-13.0, "Control of Measuring and Test Equipment"
- 1-G CP-QP-16.0, "Nonconformances and Deficiencies"
- 1-H CP-QP-17.0, "Corrective Action"

2.0 GENERAL

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2.1 PURPOSE AND SCOPE

CONTROL NO. 111-111

The purpose of this procedure is to outline the Structural and Miscellaneous Steel QC Inspection Program to satisfy the requirements of References 1-A, 1-B, 1-C, and 1-D. This procedure applies to all Non-ASME structural and miscellaneous steel, with the exception of conduit and cable tray supports, which are covered by separate procedures.

2.2 RESPONSIBILITY AND AUTHORITY

The Quality Engineering Supervisor, or his designee, is responsible for the development of specific inspection instructions for inspector use.

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The Quality Control Supervisor is responsible for the implementation and administration of inspection activities.

3.0 PROCEDURE

3.1 PERSONNEL TRAINING

Personnel training shall be provided in accordance with Reference 1-E to assure that structural/miscellaneous steel QC inspection personnel achieve and maintain inspection proficiency.

3.2 INSPECTION DETAILS

Quality Instructions supplementing this Procedure identify the structural/miscellaneous steel inspection activities and delineate inspection criteria to assure that construction activities comply with design specifications and applicable codes and standards.

3.3 MEASURING AND TEST EQUIPMENT

Measuring and test equipment is calibrated, adjusted and maintained at prescribed intervals to provide confidence in the accuracy of the resulting data. Calibration responsibilities and requirements are defined in Reference 1-F.

3.4 STATUS INDICATORS

The status of inspected items is identified on appropriate documentation as defined by the applicable Quality Instruction.

3.5 NONCONFORMING ITEMS

Nonconformances shall be reported as outlined in each Quality Instruction.

3.6 DOCUMENTATION METHODS

Quality Instructions specify the documentation required to provide objective evidence of compliance with specified Engineering/Construction criteria. Upon completion, these records shall be submitted for review, processing and filing in accordance with CPSES requirements for QA records.

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3.7 CORRECTIVE ACTION

The Quality Engineering Supervisor, or his designee, shall review deficiencies and nonconformances and recommend required corrective action in accordance with Reference 1-H.