ATC-3-06 Amended

Tentative Provisions for the Development of Seismic Regulations for Buildings

Includes 1982 "Amendments to ATC-3-06 Tentative Provisions for the Development of Seismic Regulations for Buildings for Use in Trial Designs" (Appendix B)

by
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PREFACE TO REPRINT

The Applied Technology Council (ATC) started development of the ATC-3 "Tentative Provisions for the Development of Seismic Regulations for Buildings" in 1974 under a project funded by the National Science Foundation (NSF) and the National Bureau of Standards (NBS). The Tentative Provisions were published in June 1978. Six thousand copies were distributed by ATC to the earthquake engineering profession world wide. Another 2,000 copies were distributed by the Federal government.

The authors of ATC-3 realized the Tentative Provisions include many innovations and thus need careful assessment. The preface states:

> "BECAUSE OF THE MANY NEW CONCEPTS AND PROCEDURES INCLUDED IN THESE TENTATIVE PROVISIONS, THEY SHOULD NOT BE CONSIDERED FOR CODE ADOPTION UNTIL THEIR WORKABILITY, PRACTICABILITY, ENFORCEABILITY, AND IMPACT ON COST ARE EVALUATED BY PRODUCING AND COMPARING BUILDING DESIGNS FOR THE VARIOUS DESIGN CATEGORIES INCLUDED IN THIS DOCUMENT."

During 1979-80 NBS, in conjunction with the Building Seismic Safety Council (BSSC) and with funding by the Federal Emergency Management Agency (FEMA) reviewed and assessed the Tentative Provisions. A total of nearly 100 individuals divided into ten committees participated, representing industry, trade and professional organizations, and code promulgating groups. ATC, under a grant from NBS, furnished ten consultants who previously had been involved with the ATC-3 development. The Structural Engineers Association of California (SEAOC) selected several of its members to participate in the review.

Numerous meetings and discussions were held and correspondence exchanged, which resulted in over 300 proposed modifications or clarifications. Each of the proposed modifications were voted upon by all the participants; the members of BSSC then were balloted. The result was that about 250 of the proposed changes were adopted. The adopted modifications were published by NBS and BSSC in December 1982 as "Amendments to ATC-3-06 Tentative Provisions for the Development of Seismic Regulations for Buildings." These amendments are considered to be tentative, not final, and are being subjected to a formal program of evaluation and testing.

This publication is a reprint of the original ATC-3-06 report, with the proposed amendments to ATC-3-06 included as Appendix B. These two documents are printed together to keep the earthquake engineering profession up to date with respect to the status of ATC-3—06.

TABLE OF CONTENTS