FOREWORD

More than 150 tall buildings have been designed by means of the up-to-date procedures of dynamic analysis and constructed in Japan. In spite of such many examples of practical design, the proposal of the code associated with the earthquake resistant design of tall buildings has not been prepared yet. It might be said that the main reason comes from some difficulties to establish a consistent and simplified method of analysis. As well known, the current method of dynamic analysis is greatly dependent upon the judgement and broad knowledge of earthquake engineering of highly trained people. Sometimes, the analysis in this field consumes a great deal of time and expenditure of design work of a building, and does not improve the structural quality. It is natural that a careless work like poor welding cause a big result. So I think, the design code and inspection system should warn the designer for its important role of insuring no gross errors in a complete building.

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